Call to HALT 19
Appel à L'arrêt

Post Office Box 571
Moncton, New Brunswick E1C 8L9
email address to be added
www.call2halt19.ca

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(circulating for signatures)

Dear Government Representatives and Health Officials:

Canadian Open Letter of Concern regarding COVID-19 mRNA Vaccines

As qualified Canadian and international researchers and professionals, we are extremely concerned as evidence questioning the quality, efficacy and safety of the COVID-19 mRNA (more precisely, modified mRNA or modRNA) vaccines continues to mount.

Given the accumulating evidence of concern, on behalf of the Canadian public, we call on you, our government representatives and public health officials, for:

- **An immediate halt to the use of and a recall of the COVID-19 mRNA vaccine products.**
- **An independent and transparent public inquiry** into the regulatory processes leading to the approval of these products and their ongoing use.
- **Scientific assessments and analyses of all mRNA products** to determine the health risks to humans from residual plasmid DNA, potential aberrant protein production, and shift to IgG4 antibodies.
- **Access to data and funding for independent research** to assess the potential link between the COVID-19 mRNA vaccines and the recent probable increase in cancer rates and mortality,[1,2] including any association with the SARS-CoV-2 virus itself.

Our plea for your immediate action is based on many scientifically-supported concerns regarding the COVID-19 mRNA products,[3] the latest of which are outlined below:

- **Variable and concerning levels of residual plasmid DNA have been found in the COVID-19 mRNA products** in vials from Canada,[4] the USA,[5] France,[6] Germany,[7,8] and Australia,[9] as well as by independent research conducted at a US Food and Drug Administration (FDA) facility.[10] Residual DNA is undesirable as it has potential oncogenic and infectious risks.[11] This concern is further compounded by the fact that **lipid nanoparticles (LNPs),** in which the COVID-19 mRNA products are encased, **increase the delivery of foreign DNA across cell membranes by 10-100 times.**[12,13] The current regulatory limit of residual DNA does **not** account for this effect.

- **Undisclosed bioactive SV40 promoter-enhancer DNA sequences are used in the production of the Pfizer/BioNTech vaccines.**[4,5] This has been confirmed by Health Canada,[14] the US FDA,[15] and the European Medicines Agency (EMA),[16] and is highly concerning because these SV40 sequences

are used in gene therapy to transport foreign DNA into the cell nucleus and facilitate DNA integration into the human genome.[17] These sequences should not be present in vaccines; as stated by Health Canada scientists, these sequences "serve no purpose in the manufacturing of Pfizer COVID-19 vaccines" and are "not present in any vaccines currently approved in Canada."[18] Irrespective of the potential health risks associated with these sequences, the lack of disclosure to Health Canada[14] and other regulators by the manufacturer *alone* is a violation of World Health Organization (WHO) Guidelines for mRNA vaccines that require *all* sequences in the DNA starting material to be annotated and justified.[19]

- **Numbers of reported vaccine adverse events are batch specific.**[20,21,22,23] Multiple analyses of public data by independent research groups have revealed unacceptable inconsistencies in manufacturing, storage, administration and/or delivery of the COVID-19 mRNA vaccines.

Further issues with these mRNA products that have already been *identified by Health Canada scientists* include:

- **Aberrant unintended proteins may be produced due to ribosomal frameshifting.**[24] Ribosomes carry out the synthesis of proteins from mRNA instructions inside cells. In ribosomal frameshifting the reading of the instructions is shifted resulting in the production of aberrant unintended proteins. Health Canada scientists have considered these aberrant proteins to represent a "high level of impurity" and "cannot absolutely exclude any possible undesirable effects on cell proliferation or toxicity."[25]

- **A shift of individuals' antibody immune responses from the expected antibody types (*e.g.*, IgG1, IgG3, and IgA) to IgG4 antibodies has been observed following repeated COVID-19 vaccinations.**[26] Health Canada scientists have noted that international bodies, including themselves, have identified this shift.[27] IgG4 antibodies are associated with immune tolerance (*i.e.*, more SARS-CoV-2 infection) and serious auto-immune conditions.[26]

Concerns similar to ours have been raised by many other groups both in Canada and around the world who have also asked for a suspension of the COVID-19 mRNA vaccines. For instance:

- Canadian National Citizens' Inquiry, a citizen-led effort to examine Canada's response to COVID-19, which heard 305 expert and lay witnesses in eight cities (2023)[28]
- Australian Member of Parliament Russell Broadbent who, supported by 52 scientists and health care professionals, wrote a letter to Australia's Prime Minister (2024)[29]
- NORTH group, a coalition of scientists, physicians, other professionals, and politicians, who issued letters to the governments of 23 European countries and Canada (2024/25)[30]
- Alberta COVID-19 Pandemic Data Review Task Force, which concluded that "further research to establish the safety and efficacy of COVID-19 vaccines is necessary before widespread use in adults and children" (2025)[31]

- Réinfo Québec, a collective of health professionals, scientists and citizens in Québec, who recently held a press conference on this matter (2025)[32]
- Seventeen other professional public health and physician organizations around the world who have made statements (2021-2024)[33]

In order to protect the health of Canadian citizens, we appeal for an immediate halt to the COVID-19 mRNA vaccines and a redirection of efforts towards much needed inquiry, assessment, and research. We hope for a fulsome discussion of the evidence and welcome the opportunity to contribute to the path forward.

With utmost concern and respect,

Canadian researchers and professionals [in alphabetical order]

Claudia Chaufan, MD, PhD, Associate Professor of Health Policy and Management, York University

York Hsiang, MB, ChB, MHSc, FRCSC, Professor Emeritus of Surgery, University of British Columbia

Niel A. Karrow, PhD Immunotoxicology, Professor, Department of Animal Biosciences, University of Guelph

Christian Linard, PhD, DEPD in Clinical Biochemistry, Full Professor, Université du Québec à Trois-Rivières

Bernard Massie, Retired Researcher and former General Manager at the NRC Human Health Therapeutic Research Center, and Associate Professor of Microbiology and Immunology

Deanna McLeod, Principal of Research Firm Kaleidoscope Strategic

Phil Oldfield, DPhil, Retired Clinical Biochemist

Steven Pelech, PhD, Professor of Medicine, University of British Columbia

Christopher Pinto, MD

Patrick Provost, PhD, Expert in RNA & lipid nanoparticles, Ex-Full Professor, Université Laval

Christopher A. Shaw, PhD, Professor, Department of Ophthalmology & Visual Sciences, University of British Columbia

David J. Speicher, PhD DTM, Virologist, University of Guelph

Regina Watteel, PhD Statistics, Independent Researcher

International researchers and professionals [in alphabetical order]

Sponsoring Organizations:

Canadian Citizens Care Alliance
Alliance Canadienne de Soins pour les Citoyens

REINFO QUÉBEC
QUESTIONNER - COMPRENDRE - AGIR

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