

mRNA Circulates at Least 28 Days After Injection

Finding Cohesive with Serious Adverse Effects in First Month after COVID-19 Vaccination

By [Dr. Peter McCullough](#)

Theme: [Science and Medicine](#)

Global Research, February 23, 2023

[Courageous Discourse](#)

All Global Research articles can be read in 51 languages by activating the Translate Website button below the author's name (desktop version)

To receive Global Research's Daily Newsletter (selected articles), [click here](#).

Follow us on [Instagram](#) and [Twitter](#) and subscribe to our [Telegram Channel](#). Feel free to repost and share widely Global Research articles.

Because Operation Warp Speed rushed new mRNA technology forward in two month clinical trials without informative preclinical testing, we are now learning about what was injected into billions of human beings during the mass, indiscriminate COVID-19 vaccine program. A report from Castruita et al, using a cohort of recovered hepatitis C patients with blood samples available, found mRNA from Pfizer and Moderna circulating in blood for 30 days which is as long as they had after injection. This is bad news from a vaccine safety perspective.

SHORT COMMUNICATIONS

SARS-CoV-2 spike mRNA vaccine sequences circulate in blood up to 28 days after COVID-19 vaccination

JOSE ALFREDO SAMANIEGO CASTRUITA,¹ UFFE VEST SCHNEIDER,¹ SARAH MOLLERUP,¹ THOMAS DAELL LEINWEBER,¹ NINA WEIS,^{2,3} JENS BUKH,^{2,4} MARTIN SCHOU PEDERSEN^{1,5} and HENRIK WESTH^{1,3}

¹Department of Clinical Microbiology; ²Department of Infectious Diseases, Copenhagen University Hospital Amager-Hvidovre, Hvidovre; ³Institute of Clinical Medicine, Faculty of Health and Medical Sciences; ⁴Copenhagen Hepatitis C Program (CO-HEP), Department of Immunology and Microbiology, Faculty of Health and Medical Sciences, University of Copenhagen; and ⁵Department of Clinical Microbiology, Copenhagen University Hospital Rigshospitalet, Copenhagen, Denmark

Castruita JAS, Schneider UV, Mollerup S, Leineweber TD, Weis N, Bukh J, Pedersen MS, Westh H. SARS-CoV-2 spike mRNA vaccine sequences circulate in blood up to 28 days after COVID-19 vaccination. APMIS. 2023; 131: 128–132.

In Denmark, vaccination against Severe Acute Respiratory Syndrome Corona Virus 2 (SARS-CoV-2) has been with the Pfizer-BioNTech (BTN162b2) or the Moderna (mRNA-1273) mRNA vaccines. Patients with chronic hepatitis C virus (HCV) infection followed in our clinic received mRNA vaccinations according to the Danish roll-out vaccination plan. To monitor HCV infection, RNA was extracted from patient plasma and RNA sequencing was performed on the Illumina platform. In 10 of 108 HCV patient samples, full-length or traces of SARS-CoV-2 spike mRNA vaccine sequences were found in blood up to 28 days after COVID-19 vaccination. Detection of mRNA vaccine sequences in blood after vaccination adds important knowledge regarding this technology and should lead to further research into the design of lipid-nanoparticles and the half-life of these and mRNA vaccines in humans.

Key words: Hepatitis C virus; SARS-CoV-2; vaccine; blood; mRNA.

Henrik Westh, Department of Clinical Microbiology, Copenhagen University Hospital Amager-Hvidovre, Hvidovre, Denmark. e-mail: henrik.torkil.westh@regionh.dk

INTRODUCTION

With the emergency approval by the FDA of two mRNA vaccines in December 2020, and subsequently very large-scale vaccine production and mass immunization programs, a breakthrough in protective measures against the global pandemic with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) was achieved. Both the Pfizer-BioNTech (BTN162b2) and the Moderna (mRNA-1273) vaccines code for production of the full-length SARS-CoV-2 spike protein. To ensure stability, these vaccines are composed of codon-optimized modified spike mRNA, have two stabilizing proline substitutions, and the mRNA is encapsulated in lipid nanoparticles (LNPs) [1,2]. The

modified nucleotide sequences allow perfect identification of the vaccine sequences as being different from any coronavirus sequence. Upon intramuscular injection, the vaccine mRNA is taken up by muscle and immune cells, and transported to the regional lymph nodes and concentrated in the spleen [3]. The vaccines consist of nonreplicating mRNA and are expected to naturally decompose both within the cytosol after translation and at the injection site. The half-life of mRNA translation is estimated to be short, from hours to a day and translation is described to span up to 10 days [4–6]. The Infectious Diseases Society of America (IDSA) informs that the vaccine mRNA is degraded quickly by normal intracellular processes and states that there is no evidence for long-term detection of mRNA vaccines in vaccinated individuals by RNA-seq [1,7].

Received 7 December 2022. Accepted 12 January 2023

128 This is an open access article under the terms of the [Creative Commons Attribution-NonCommercial-NoDerivs License](#), which permits use and distribution in any medium, provided the original work is properly cited, the use is non-commercial and no modifications or adaptations are made.

Castruita JAS, Schneider UV, Mollerup S, Leineweber TD, Weis N, Bukh J, Pedersen MS, Westh H. SARS-CoV-2 spike mRNA vaccine sequences circulate in blood up to 28 days after COVID-19 vaccination. APMIS. 2023 Mar;131(3):128–132. doi: 10.1111/apm.13294. Epub 2023 Jan 29. PMID: 36647776.

Vaccines which are usually live attenuated or killed virus, or a harmless protein, should be in the body only a few days as immunity is being generated. After that, the vaccine material is cleared by the reticuloendothelial system. Having foreign genetic code in the form of synthetic RNA loaded on lipid nanoparticles with PEG in the blood stream for a month is an

eerie reality with the following implications:

- 1) all serious health events occurring within 30 days of the shot should be considered related to the vaccine unless proven otherwise,
- 2) the mRNA has a prolonged opportunity to circulate to vital organs including the heart, brain, bone marrow, adrenals, and reproductive organs where it can cause more damage,
- 3) the human body must not have robust mechanisms to clear Pfizer or Moderna, so by the time the second shot is given, some still have the first shot in their system explaining greater toxicity on the second shot,
- 4) theoretical concerns over shedding should be extended far beyond 30 days (I currently recommend no kissing, sexual, or close contact for vaccinated persons for at least 90 days),
- 5) development on new mRNA vaccines (influenza, respiratory syncytial virus, zika, etc.) should be halted immediately given this discovery.

I wonder if the mRNA vaccine developers are aware of the findings by Castruita or if they even care? Toxicity profiles of drug products is clearly related to their pharmacodynamics and pharmacokinetics. This fundamental component of drug development is now completely ignored as drug safety is no longer a concern of the biopharmaceutical complex.

*

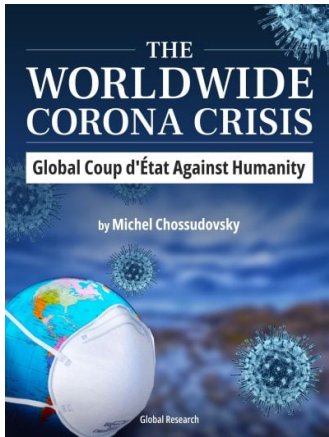
Note to readers: Please click the share buttons above. Follow us on Instagram and Twitter and subscribe to our Telegram Channel. Feel free to repost and share widely Global Research articles.

Sources

[Castruita JAS, Schneider UV, Mollerup S, Leineweber TD, Weis N, Bukh J, Pedersen MS, Westh H. SARS-CoV-2 spike mRNA vaccine sequences circulate in blood up to 28 days after COVID-19 vaccination. APMIS. 2023 Mar;131\(3\):128-132. doi: 10.1111/apm.13294. Epub 2023 Jan 29. PMID: 36647776.](#)

[Leake J, McCullough PA. Courage to Face COVID-19: Preventing Hospitalization and Deaths while Battling the Biopharmaceutical Complex](#)

Featured image: mRNA vaccines cause myocarditis by leading your own immune cells to attack your heart, which can lead to sudden death by ventricular tachycardia or fibrillation. (Kateryna Kon/Shutterstock)



The Worldwide Corona Crisis, Global Coup d'Etat Against Humanity

by Michel Chossudovsky

Michel Chossudovsky reviews in detail how this insidious project “destroys people’s lives”. He provides a comprehensive analysis of everything you need to know about the “pandemic” — from the medical dimensions to the economic and social repercussions, political underpinnings, and mental and psychological impacts.

“My objective as an author is to inform people worldwide and refute the official narrative which has been used as a justification to destabilize the economic and social fabric of entire countries, followed by the imposition of the “deadly” COVID-19 “vaccine”. This crisis affects humanity in its entirety: almost 8 billion people. We stand in solidarity with our fellow human beings and our children worldwide. Truth is a powerful instrument.”

[Conservative Risk Benefit Analyses Decide Against COVID-19 Vaccination](#)

ISBN: 978-0-9879389-3-0, Year: 2022, PDF Ebook, Pages: 164, 15 Chapters

Price: \$11.50 Get yours for FREE! [Click here to download.](#)

We encourage you to support the eBook project by making a donation through Global Research’s [DonorBox “Worldwide Corona Crisis” Campaign Page](#).

The original source of this article is [Courageous Discourse](#)
Copyright © [Dr. Peter McCullough](#), [Courageous Discourse](#), 2023

[Comment on Global Research Articles on our Facebook page](#)

[Become a Member of Global Research](#)

Articles by: [Dr. Peter McCullough](#)

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will

not be responsible for any inaccurate or incorrect statement in this article. The Centre of Research on Globalization grants permission to cross-post Global Research articles on community internet sites as long the source and copyright are acknowledged together with a hyperlink to the original Global Research article. For publication of Global Research articles in print or other forms including commercial internet sites, contact: publications@globalresearch.ca

www.globalresearch.ca contains copyrighted material the use of which has not always been specifically authorized by the copyright owner. We are making such material available to our readers under the provisions of "fair use" in an effort to advance a better understanding of political, economic and social issues. The material on this site is distributed without profit to those who have expressed a prior interest in receiving it for research and educational purposes. If you wish to use copyrighted material for purposes other than "fair use" you must request permission from the copyright owner.

For media inquiries: publications@globalresearch.ca