

Spike Protein in the Blood of the COVID-19 Vaccinated. New Study: Do 50% of Pfizer and Moderna Vaxxed Produce Spike Protein Forever?

By [Dr. William Makis](#)

Theme: [Science and Medicine](#)

Global Research, September 03, 2023
[COVID Intel](#) 2 September 2023

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

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

Click the share button above to email/forward this article to your friends and colleagues. Follow us on [Instagram](#) and [Twitter](#) and subscribe to our [Telegram Channel](#). Feel free to repost and share widely Global Research articles.

Several recent studies deal with spike protein in the blood and I will briefly review the following:

- [Sep.2, 2022 - Zoe Swank et al.](#) (spike in blood of long COVID patients at 12 mo)
- [Sep.12, 2022 - Cosentino et al.](#) (does vaxx spike get into blood & cause injury?)
- [Jan.4, 2023 - Yonker et al.](#) (vaxxed w myocarditis had full spike in blood)
- [Jan.17, 2023 - Castruita et al.](#) (vaxx mRNA detected in blood of 10% at 28 days)
- [Aug.15, 2023 - Brogna et al.](#) (spike detected in blood of 50% vaxxed at 6 months!)

[Aug. 15, 2023 - Brogna et al](#) - Detection of recombinant Spike protein in the blood of individuals vaccinated against SARS-CoV-2: Possible molecular mechanisms

- **Spike protein** is one of 4 major proteins of SARS-CoV2, it enables recognition of host cell receptor and **entry into the host cell**
- **Both Pfizer and Moderna COVID-19 mRNA vaccines use a modified spike protein** - all uridine bases were replaced with methyl pseudouridine (less immunogenic, more stable)
- **Both Pfizer and Moderna COVID-19 mRNA vaccines also use a stabilized spike (different from natural spike)** that differs by a double amino acid change at position 986 and 987, K986P and V987P - the amino acids lysine and valine are both replaced by two proline amino acids in order to stabilize the spike confirmation in an inactive prefusion state (**PP-Spike**).
- researchers can differentiate natural SARS-CoV-2 spike which can be broken down by tryptic digestion, from **Pfizer/Moderna vaccine spike (PP-spike) which can't be digested** (because the double amino acid change eliminated

the tryptic digestion site).

- **Study: 20 were vaccinated with mRNA vaccine**, 20 were unvaccinated and uninfected with COVID-19, 20 were unvaccinated but positive for COVID-19.
- **Results: 50% of the mRNA vaccinated still have spike protein in the blood 6 months after vaccination** (and will continue, possibly indefinitely)
- **Theories:**

1. **mRNA integrates into some blood cells** and spike is continuously produced
2. **mRNA integrates into bacterial cells in the blood** and spike is continuously produced

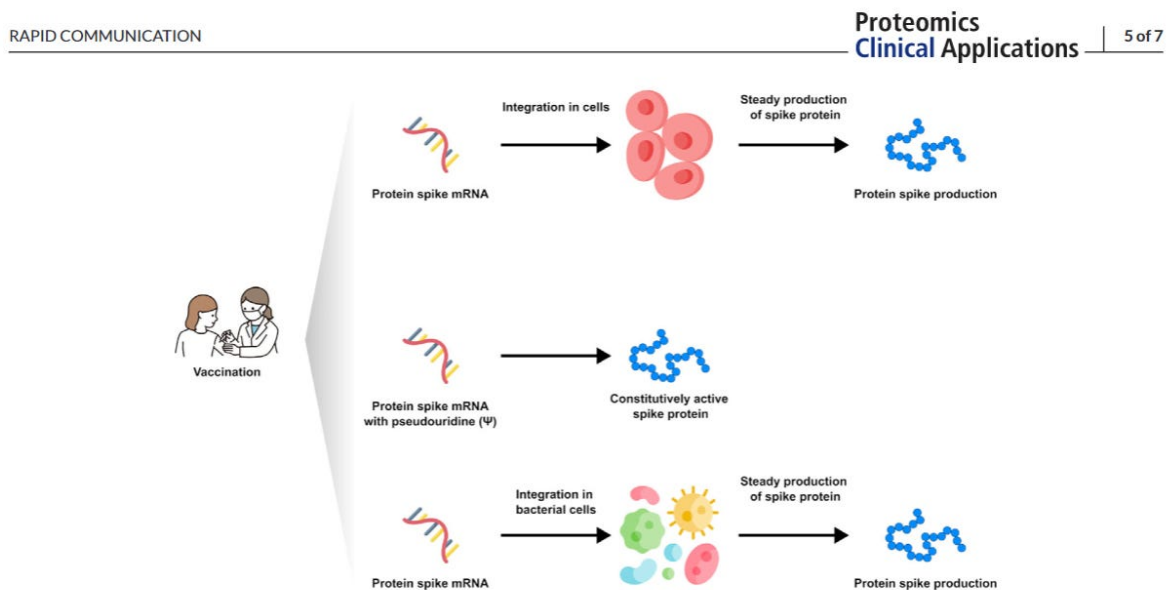


FIGURE 3 Possible molecular mechanisms of persistence of "Spike PP".

[Jan. 17, 2023 - Castruita et al.](#) - SARS-CoV-2 spike mRNA vaccine sequences circulate in blood up to 28 days after COVID-19 vaccination

- In Denmark, Hepatitis C patients were monitored for HCV infection
- **Study:** They extracted RNA from patient plasma in 108 Hepatitis C patients who were COVID-19 mRNA vaccinated
- **Results: 10% had full length or traces of COVID-19 vaccine mRNA sequences in the blood up to 28 days after vaccination**
- Theory: authors suspect this mRNA is in LNPs which are being slowly released into the blood from the injection site for up to 28 days!

[Jan. 4, 2023 - Yonker et al.](#) - Circulating Spike Protein Detected in Post-COVID-19 mRNA Vaccine Myocarditis

- **Study:** looked at 16 adolescents ages 12-21 (13 men, 3 women) with COVID-19 mRNA vaccine induced myocarditis vs 45 mRNA vaxxed control subjects
- Results: **full length spike protein** (unbound by antibodies) was **found in plasma of individuals with vaxx induced myocarditis**, but **none was found in mRNA vaxxed controls**.
- **elevated spike was seen equally in affected females and males(!!!)**

- circulating free spike remained detectable at 3 weeks after vaccination

[Sep. 2, 2022 - Zoe Swank et al.](#) - Persistent Circulating Severe Acute Respiratory Syndrome Coronavirus 2 Spike Is Associated With Post-acute Coronavirus Disease 2019 Sequelae

- Study: looked at **63 long COVID patients** and took blood samples up to 12 months after their 1st positive result
- Results: **60% Long COVID patients had detectable spike protein in plasma up to 12 months.**
- In contrast, **COVID-19 patients who did not go on to develop Long COVID had no spike detectable.** They only had detectable S1 within 1st week after diagnosis.
- Theory: authors theorize that **“SARS-CoV-2 viral reservoirs may persist in the body”**
- **Problem: some of these patients were COVID-19 vaccinated and they didn't account for the vaccine status and its effects.**

[Sep. 12, 2022 - Cosentino et al.](#) - Does the S protein leak into the circulation, at what concentration, and for how long?

- After COVID-19 mRNA vaccination, **circulating spike protein originates from endogenous production and its concentration will be much higher in tissues** where production occurs(!)
- [Roltgen et al.](#) **detected vaxx mRNA and spike in axillary lymph nodes up to 60 days after 2nd dose of Pfizer or Moderna vaccines.**
- circulating S1 subunit levels from those with severe COVID-19 infection are similar to post mRNA vaccine circulating S1 levels.
- Theory: **severe COVID-19 infection and mRNA vaccination could result in similar total systemic amounts of S protein (about 72 billion spikes estimated)**
- most virus spike protein remains in **respiratory tract** while mRNA vaccine induced spike protein production occurs in internal organs and tissues, which can exert more systemic effects (!!!)
- Conclusion: **COVID-19 mRNA vaccines under some circumstances induce high and possibly toxic amounts of S protein in organs and tissues, in turn leaking into the circulation.**

My Take...

There is a very concerning picture emerging.

Potentially **50% of COVID-19 mRNA vaccinated people have spike protein in the blood at least 6 months after vaccination** or longer, maybe indefinitely!

Potentially **60% of Long COVID-19 patients have spike protein in the blood at least 12 months after infection**, or longer, maybe indefinitely!

Almost all Long COVID-19 patients are also COVID-19 mRNA vaccinated - is the spike protein in their blood coming from a viral reservoir (hiding in the gut or testes) or is it

coming from the mRNA vaccine?!

The 50% of COVID-19 mRNA vaccinated who have spike in the blood (possibly indefinitely), **are getting spillover of spike into the blood due to much higher concentrations of spike being produced in organs and tissues** (causing local damage) – how did the spike get into those organs and tissues?

COVID-19 vaccine Lipid Nanoparticles with mRNA **leak into the blood circulation for up to 28 days after vaccination** – their circulation allows the vaccine mRNA to get delivered into various organs and tissues where spike gets produced.

COVID-19 mRNA vaccinated with myocarditis have spike circulating in the blood, while those without myocarditis don't have any!

The vaccine spike is causing the injuries!

This means that spike detoxing is more important than ever for many people (those suffering from Long COVID, possibly 50% of all vaccinated individuals, those who react to external shedding, etc).

In the coming days, I will write a separate substack on the latest on spike protein detoxing.

*

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

Dr. William Makis is a Canadian physician with expertise in Radiology, Oncology and Immunology. Governor General's Medal, University of Toronto Scholar. Author of 100+ peer-reviewed medical publications.

Featured image is from COVID Intel

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.”

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

Price: ~~\$11.50~~ **FREE COPY!** [Click here \(docsend\) and 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 [COVID Intel](#)
Copyright © [Dr. William Makis, COVID Intel, 2023](#)



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

[Become a Member of Global Research](#)

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