

Why Indiscriminate Mass Vaccination Has Worsened the Pandemic

SARS-CoV-2 Readily Mutates and Thrives in the Vaccinated

By [Dr. Peter McCullough](#)

Theme: [Science and Medicine](#)

Global Research, December 02, 2022

[Courageous Discourse](#)

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](#).

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

A principle of infectious diseases is "antimicrobial stewardship" which involves choosing the right antibiotic for the right patient and never over-prescribing or blanket covering patients who don't need treatment.

Another principle is "narrowing the spectrum" of a drug once the organism is identified by culture or other methods. These fundamental approaches to the use of antibiotics work to limit the problem of bacterial resistance and the development of "superbugs." Every year hospitals each produce their antibiogram or report of their common infections encountered and what antibiotics either are effective (organism is sensitive) or ineffective (organism is resistant). In the SARS-CoV-2 pandemic these principles have been applied to the use of monoclonal antibodies and the process explains why various EUA products (e.g., bamlanivimab) were pulled from the market when they were understood to be no longer effective at neutralizing SARS-CoV-2. This entire thought process has been thrown out the window for COVID-19 vaccines. For 18 months the ancestral strain Wuhan Institute of Virology Spike protein was the featured antigen for Pfizer, Moderna, Janssen, AstraZeneca, and Novavax vaccines. Within a few months, there was mounting evidence that SARS-CoV-2 easily mutated to escape the reach of antibodies generated by the vaccines which would apply to serious invasive illness (IgG and IgM). Because the COVID-19 vaccines have never been demonstrated to neutralize SARS-CoV-2 in the nasopharynx, the only theoretical benefit would be for systemic disease. It has now become apparent that nature has the upper hand over the vaccine manufacturers as SARS-CoV-2 has far greater alacrity. Because replication can allow changes in genetic code that rapidly allow continued survival, SARS-CoV-2 enjoys a library of ~28k mutations of which ~4.5K are in the receptor binding domain of the Spike protein or the tip of the spear.



Emerging Vaccine-Breakthrough SARS-CoV-2 Variants

Rui Wang, Jiahui Chen, Yuta Hozumi, Changchuan Yin, and Guo-Wei Wei*

 Cite This: <https://doi.org/10.1021/acsinfecdis.1c00557>

Read Online

ACCESS |

Metrics & More

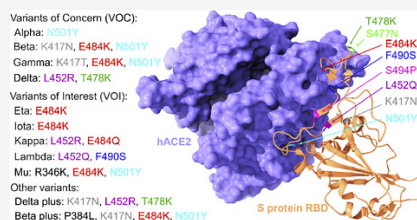
Article Recommendations

Supporting Information

ABSTRACT: The surge of COVID-19 infections has been fueled by new SARS-CoV-2 variants, namely Alpha, Beta, Gamma, Delta, and so forth. The molecular mechanism underlying such surge is elusive due to the existence of 28 554 unique mutations, including 4 653 non-degenerate mutations on the spike protein. Understanding the molecular mechanism of SARS-CoV-2 transmission and evolution is a prerequisite to foresee the trend of emerging vaccine-breakthrough variants and the design of mutation-proof vaccines and monoclonal antibodies. We integrate the genotyping of 1 489 884 SARS-CoV-2 genomes, a library of 130 human antibodies, tens of thousands of mutational data, topological data analysis, and deep learning to reveal SARS-CoV-2 evolution mechanism and forecast emerging vaccine-breakthrough variants.

We show that prevailing variants can be quantitatively explained by infectivity-strengthening and vaccine-escape (co-)mutations on the spike protein RBD due to natural selection and/or vaccination-induced evolutionary pressure. We illustrate that infectivity strengthening mutations were the main mechanism for viral evolution, while vaccine-escape mutations become a dominating viral evolutionary mechanism among highly vaccinated populations. We demonstrate that Lambda is as infectious as Delta but is more vaccine-resistant. We analyze emerging vaccine-breakthrough mutations in highly vaccinated countries, including the United Kingdom, the United States, Denmark, and so forth. Finally, we identify sets of mutations that have a **high likelihood of massive growth**: [A411S, L452R, T478K], [L452R, T478K, NS01Y], [V401L, L452R, T478K], [K417N, L452R, T478K], [L452R, T478K, E484K, NS01Y], and [P384L, K417N, E484K, NS01Y]. We **predict they can escape existing vaccines**. We **foresee an urgent need to develop new virus combating strategies**.

KEYWORDS: COVID-19, SARS-CoV-2, mutations, vaccine-breakthrough, vaccine-resistant, infectivity



Wang R, Chen J, Hozumi Y, Yin C, Wei GW. Emerging Vaccine-Breakthrough SARS-CoV-2 Variants. ACS Infect Dis. 2022 Mar 11;8(3):546-556. doi: 10.1021/acsinfecdis.1c00557. Epub 2022 Feb 8. PMID: 35133792; PMCID: PMC8848511.

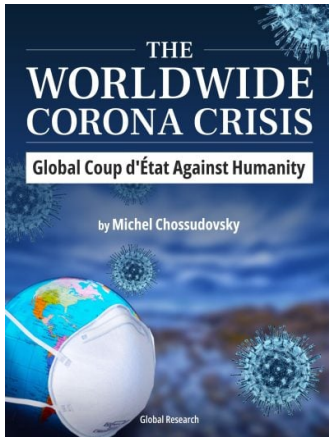
Wang and colleagues using detailed modeling techniques of the mutations prevalent in the more intensely vaccinated countries has shown indeed mass vaccination is backfiring and fueling more viral resistance to the limited antibody library that could be generated by the vaccines.[i] Wang's analysis suggests that future vaccine development against SARS-CoV-2 is hopeless. The virus is simply too nimble and can manipulate the "binding free energy" between the RBD and its human target the ACE2 receptor. This means the more vaccinations are delivered the greater the number of mutant stains and the longer the virus will propagate and extend the pandemic. Thus, a key step in ending the pandemic will be termination of mass vaccination. The virus doesn't stop until mankind stops.

*

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.

Note

[i] [Wang R, Chen J, Hozumi Y, Yin C, Wei GW. Emerging Vaccine-Breakthrough SARS-CoV-2 Variants. ACS Infect Dis. 2022 Mar 11;8\(3\):546-556. doi: 10.1021/acsinfecdis.1c00557. Epub 2022 Feb 8. PMID: 35133792; PMCID: PMC8848511.](#)



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~~ 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](#), 2022

[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