



SARS-CoV2 Spike protein is a toxin

Description

First, a quick overview of the various “factchecking” organization statements. How many people developed brain damages or lost their life or that of a loved one because of accepting a vaccine based on the falsehoods propagated by these grossly unqualified “factcheckers”? Do they have criminal liability for their falsehoods and propaganda?

As you look through this, please keep in mind that the FDA has approved three doses of these mRNA vaccines for administration to all of our 5-11 year old children. Under emergency use authorization, of course. Even though there is no medical emergency.

Factcheck.org

COVID-19 Vaccine-Generated Spike Protein is Safe, Contrary to Viral Claims

By [Catalina Jaramillo](#)

Posted on July 1, 2021. [Link here](#).

[Catalina Jarmillo](#)'s training is from the Columbia School of Journalism.

Why would anyone place any credence in what she has to say about toxicology and molecular virology? How many excess deaths can be attributed to this lie?



Politifact

No sign that the COVID-19 vaccines' spike protein is toxic or 'cytotoxic'

[Tom Kertscher](#)

POLITIFACT CONTRIBUTING WRITER

Tom Kertscher is a contributing writer for PolitiFact. Previously, he was a fact-checker for PolitiFact Wisconsin.

You can find this article [here](#).

And why would anyone believe Tom Kertscher, who has no training in medicine or biology, let alone molecular virology? And why is a political fact checking site making assessments about biology and toxicology anyhow?



Associated Press

Spike protein produced by vaccine not toxic

By BEATRICE DUPUY

June 9, 2021

Another doozey. You can find it [here](#).

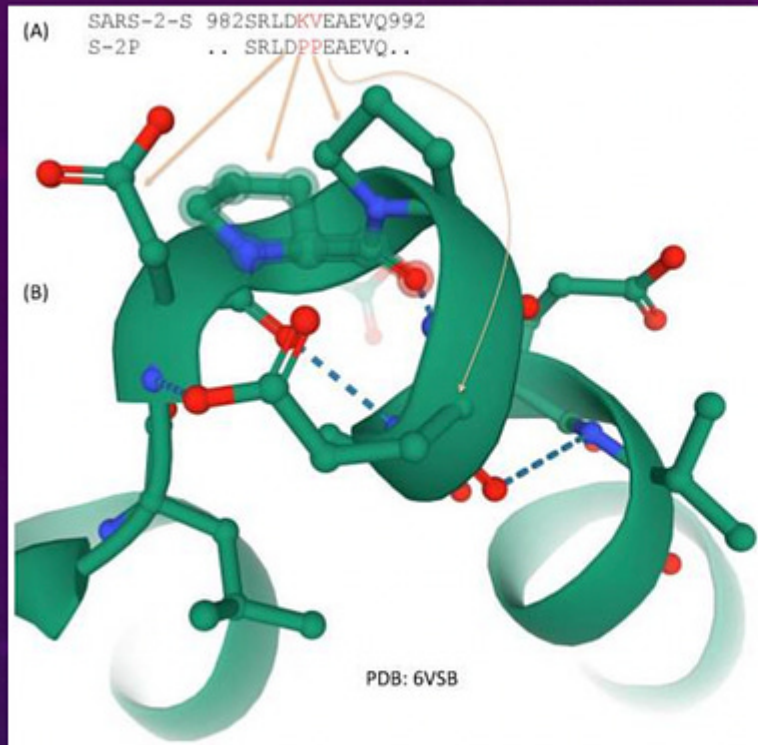


Now, let us review the actual science.

Not what these wannabe scientists who are actually journalists at best claim to be true.

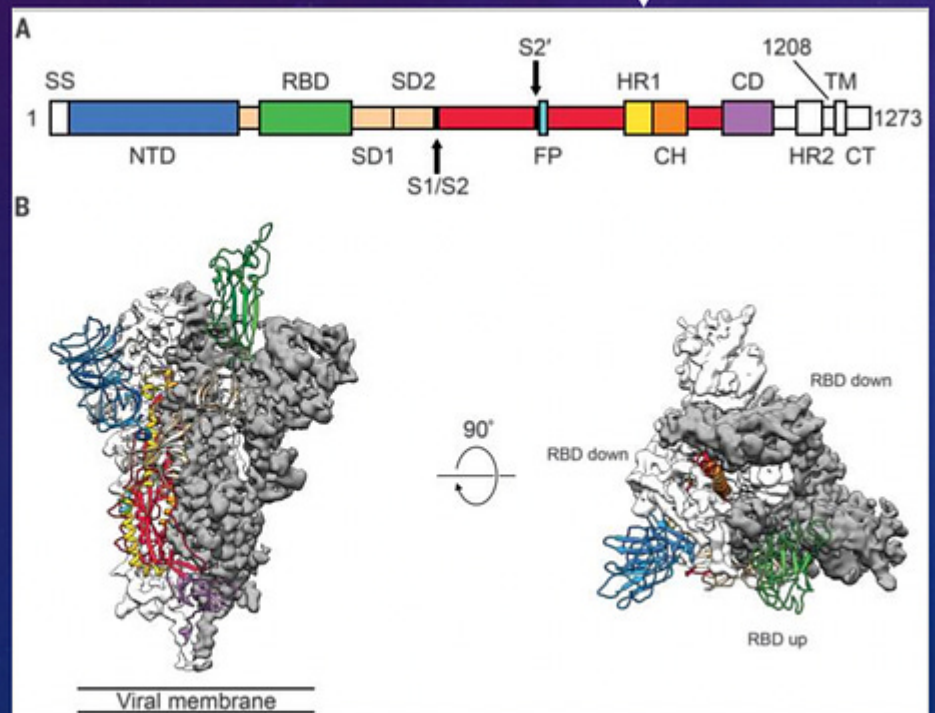
First off, it is important to understand a little bit about the SARS-CoV-2 Spike protein.

The only difference in the actual protein sequence between the original “Wuhan” strain Spike protein of the virus, and that coded for by the genetic vaccines, is two amino acids which have been changed in the S2 region of the protein. These were not introduced to make that vaccine version less toxic (as some “factcheckers” have asserted), but rather to make it better able to stimulate an antibody-based immune response. Whether vaccine encoded or virus encoded, the S1 subunit (which includes the receptor binding domain (to which the majority of “neutralizing” antibodies are directed) gets cut free (“proteolytically cleaved”) to yield an S1 subunit which is free to circulate in the blood, bind ACE2 receptors, interact with platelets, neurons, open up vascular endothelial tight junctions etc. THERE IS NO DIFFERENCE BETWEEN THE S1 SUBUNIT RELEASED FROM THE VACCINE SPIKE PROTEIN AND THE S1 SUBUNIT RELEASED FROM THE VIRUS SPIKE PROTEIN. THEY ARE THE SAME DAMN THING!



STRUCTURE

Stabilizing
Proline substitutions



Now, how much and for how long does this free S1 subunit spike protein, including the receptorbinding domain, become produced by the mRNA vaccines, versus how much and for how long by natural infection?

Surely this was well understood and characterized by Pfizer before these vaccines were widely deployed? Surely the FDA required that these studies be performed?

NOPE. WE HAD TO WAIT UNTIL AN ACADEMIC GROUP DID THE STUDIES AND PUBLISHED AT THE END OF JANUARY 2022. AND BURIED THE FINDINGS BY USING AN OBSCURE TITLE.

A screenshot of a Cell journal article page. The header features the Cell logo on a blue background. Below the header, the text "ARTICLE | ONLINE NOW" is displayed. The article title, "Immune imprinting, breadth center response in human S", is partially visible. The authors listed are Katharina Röltgen, Sandra C.A. Nielsen, and Scott D. Boyd, with superscripted numbers 14, 15, and 16 next to them. There are icons for a person and an envelope next to Scott D. Boyd. A link "Show all authors" is also present. At the bottom, it says "Open Access" in orange, followed by "Published: January 24, 2022". A grey button with a white left-pointing arrow is on the left side of the article preview.

 **Cell**

ARTICLE | [ONLINE NOW](#)

Immune imprinting, breadth
center response in human S

[Katharina Röltgen](#)¹⁴ • [Sandra C.A. Nielsen](#)¹⁵
[Scott D. Boyd](#)¹⁶ ^{15, 16}  • [Show all authors](#)

Open Access • Published: January 24, 2022 •

ACTUAL BIODISTRIBUTION A

- Prolonged detection of vaccine mRNA in LN GCs and CoV-2 mRNA vaccination
 - in situ hybridization with control and SARS-CoV-2 vaccine biopsies of the ipsilateral axillary LNs that were collected after BNT162b2 vaccination
 - **detected vaccine mRNA collected in the GCs of LNs of vaccinated individuals with an appreciable specific signal at day 60**
- Immunohistochemical staining for spike antigen in m individuals but showed **abundant spike protein in GCs of vaccinated individuals still present as late as 60 days post-second dose**
 - COVID-19 patient LNs showed lower quantities of spike protein
 - **Spike protein was detected in the plasma of 96% of vaccinated individuals (median spike concentration of 47 pg/mL) and in 63% at day 7 (median spike concentration of 1.5 pg/mL)**
 - In contrast, spike was only detectable in 5 of 64 infected individuals ([Chem.](#) 2020 Dec; 66(12): 1562–1572.)
 - Spike antigen detection after the vaccine boost on day 14 was positive on days 1–2 (median spike concentration of 1.5 pg/mL)

WELL, ISN'T THAT INTERESTING.

So, the vaccine produces far more spike S1 subunit for far longer than the natural infection does.

Hmm. Curiouser and curiouser.

But is the S1 subunit (which is identical between the virus and the vaccine) actually a toxin? Good question. Let's look into that. One moment.... searching. There.

First question – does spike S1 subunit get into the brain across the blood brain barrier?

Why yes, Virginia, thank you for asking. It does! You are such a good student.

nature neuroscience

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Article | [Published: 16 December 2020](#)

The S1 protein of SARS-CoV-2 forms a barrier in mice

[Elizabeth M. Rhea](#), [Aric F. Logsdon](#), [Kim M. Hanse](#)

[Baumann](#), [Sarah J. Holden](#), [Jacob Raber](#), [William A.](#)

[Nature Neuroscience](#) **24**, 368–378 (2021) | [Cite](#)

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You can find and read the article yourself [here](#).

**Next question. Does Spike S1 do any damage to the brain when it hits nerve cells (neurons)?
Oops. Looks like it does! Who would have guessed. Well, who among those scientists who are
not misinformation spreaders?**



frontiers

in Cellular Neuroscience



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BRIEF RESEARCH REPORT article

Front. Cell. Neurosci., 27 October 2021 | <https://doi.org/10.3389/fncel.2021.77773>

SARS-CoV-2 S1 Protein Induces Neuritic Dystrophy



Gaurav Datta,



Nicole M. Miller,



Peter W. Halcrow,



N

Xuesong Chen*

Department of Biomedical Sciences, University of North Dakota School of Medicine

Read it for yourself [here](#).

AND THEN THERE IS THIS ONE.




Brain, Behavior, & Immunity

Volume 19, February

Neurological consequences brain related pathogenic m challenge for neuroscience

Fiorella Sarubbo PhD ^{a, b, c}  , Khaoulah El Haji MSc ^a, Aina

 Read this one [here](#).

Highlights

- COVID-19 generates cerebrovascular, sensitive, motor, cognitive and diffuse brain disorders.
- The trigeminal and vagus nerve or the gut-brain axis are the entrance of SARS-CoV-2 in brain.
- SARS-CoV-2 affects brain by neuroinvasion and by the consequences of the systemic infection.
- COVID-19 favors BBB disruption, inflammation, hypoxia, and secondary infections.

- The study of the neurological affectation of COVID-19 raises a new challenge for neuroscience.

For this one, it is important to recognize that there is no significant difference between the symptoms of long COVID (PASC) and post vaccination syndrome.



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REVIEW article

Front. Microbiol., 23 June 2021 | <https://doi.org/10.3389/fmicb.2021.698169>

Long COVID or Post-acute Sequelae? Overview of Biological Factors Underlying Persistent Symptoms



Amy D. Proal¹ and  **Michael B. VanElzakker^{1,2*}**

¹PolyBio Research Foundation, Kenmore, WA, United States

²Division of Neurotherapeutics, Massachusetts General Hospital, Harvard Medical School, Boston, MA, United States

And you can read all about it [here](#).

And then there is this little issue of demyelination of nerve cells. That is sort of like stripping off the insulation on a wire. Causes short circuits and all sorts of problems.



Review article | [Published: 02 May 2021](#)

Demyelination as a result of COVID-19 in patients with COVID-19

[Zahra Shabani](#) 

[Acta Neurologica Belgica](#) **121**, 859–866 (2021)

2519 Accesses | **5** Citations | **17** Altmetric |

Yipes. Read [here](#).

And brain endothelial attack. What could possibly go wrong?

Spike Proteins of SARS-CoV-2 Induce Molecular Delivery and Metabolic Fuel

by  **Eun Seon Kim**^{1,2,†},  **Min-Tae Jeon**^{1,†},  **K**
 **Suji Kim**¹ and  **Do-Geun Kim**^{1,*}

¹ Neuroimmunology Laboratory, Dementia Research Group, Korea

² Department of Brain & Cognitive Sciences, DGIST, Daegu

³ Department of Basic and Clinical Neuroscience, Institute of Psychiatry, King's College London, 16 De Crespigny Park, London SE5 8

* Author to whom correspondence should be addressed.

† These authors equally contributed.

Academic Editor: Yong-Hui Zheng

Viruses **2021**, *13*(10), 2021; <https://doi.org/10.3390/v1311>

Received: 18 August 2021 / Revised: 19 September 2021

Published: 8 October 2021

Which you can read [here](#).

SO, I ASK YOU, WHO WAS RIGHT? THE SCIENTISTS OR THE FACTCHECKERS?

IS THE SPIKE S1 SUBUNIT PRESENT IN BOTH VIRUS AND THE PRODUCT OF THE GENETIC INOCULATIONS A TOXIN?

[Wikipedia](#)–

“A **toxin** is a harmful substance produced within living cells or organisms;[\[1\]](#)[\[2\]](#) synthetic [toxicants](#) created by artificial processes are thus excluded.[\[3\]](#) The term was first used by organic chemist Ludwig Brieger (1849–1919)[\[4\]](#) and is derived from the word [toxic](#).”

by Robert W Malone MD, MS

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