

# SARS-CoV2 Spike protein is a toxin

Factcheckers were wrong. People continue to suffer the consequences.



**Robert W Malone MD, MS**  
May 18

♡ 1,220

💬 131



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 Jaramillo](#)'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](#).

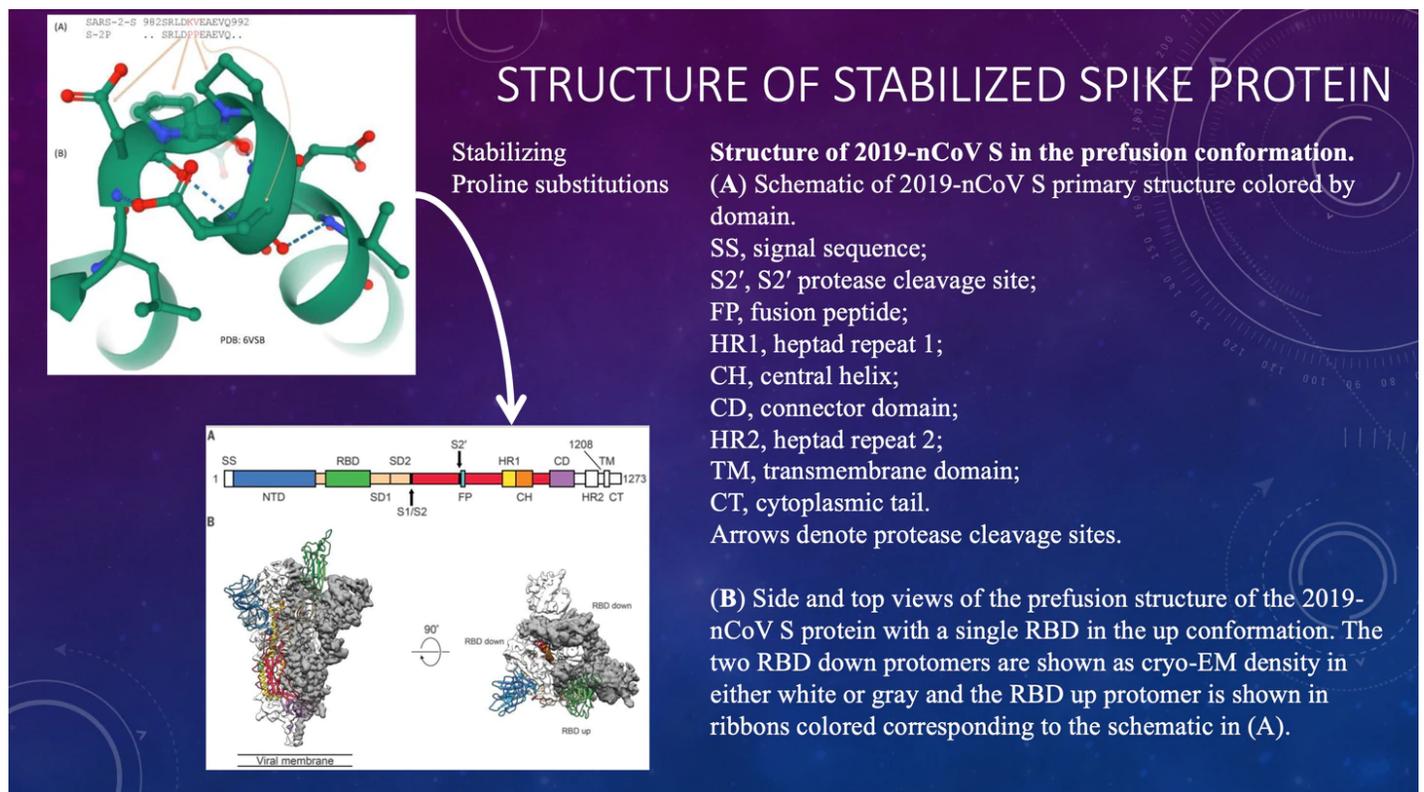


**Now, let us review the actual science.**

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!



Now, how much and for how long does this free S1 subunit spike protein, including the receptor binding 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.

**Cell**

ARTICLE | ONLINE NOW

## Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination

Katharina Röltgen<sup>14</sup> • Sandra C.A. Nielsen<sup>14</sup> • Oscar Silva<sup>14</sup> • ... Benjamin A. Pinsky • Kari C. Nadeau<sup>15</sup> • Scott D. Boyd<sup>15, 16</sup> • [Show all authors](#) • [Show footnotes](#)

[Open Access](#) • Published: January 24, 2022 • DOI: <https://doi.org/10.1016/j.cell.2022.01.018>

## ACTUAL BIODISTRIBUTION AND PHARMACOKINETICS

- Prolonged detection of vaccine mRNA in LN GCs and spike antigen in LN GCs and blood following SARS-CoV-2 mRNA vaccination
  - in situ hybridization with control and SARS-CoV-2 vaccine mRNA-specific RNAScope probes in the core needle biopsies of the ipsilateral axillary LNs that were collected 7–60 days after the second dose of mRNA-1273 or BNT162b2 vaccination
  - **detected vaccine mRNA collected in the GCs of LNs on days 7, 16, and 37 post vaccination, with lower but still appreciable specific signal at day 60**
- Immunohistochemical staining for spike antigen in mRNA-vaccinated patient LNs varied between individuals but showed **abundant spike protein in GCs 16 days post-second dose, with spike antigen still present as late as 60 days post-second dose**
  - COVID-19 patient LNs showed lower quantities of spike antigen but a rare GC had positive staining
  - **Spike protein was detected in the plasma of 96% of the vaccinees at days 1–2 (median spike concentration of 47 pg/mL) and in 63% at day 7 (median spike concentration of 1.7 pg/mL) after the prime vaccine dose.**
  - In contrast, spike was only detectable in 5 of 64 infected and COVID-19 positive patients (7.8%) (Ogata [Clin Chem.](#) 2020 Dec; 66(12): 1562–1572.)
  - Spike antigen detection after the vaccine boost on day 21 was reduced, with half of the study participants being positive on days 1–2 (median spike concentration of 1.2 pg/mL) and only one individual on day 7 post-boost

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 crosses the blood–brain barrier in mice

[Elizabeth M. Rhea](#), [Aric F. Logsdon](#), [Kim M. Hansen](#), [Lindsey M. Williams](#), [May J. Reed](#), [Kristen K. Baumann](#), [Sarah J. Holden](#), [Jacob Raber](#), [William A. Banks](#)  & [Michelle A. Erickson](#)

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

**295k** Accesses | **113** Citations | **6998** Altmetric | [Metrics](#)

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?



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## BRIEF RESEARCH REPORT article

Front. Cell. Neurosci., 27 October 2021 | <https://doi.org/10.3389/fncel.2021.777738>

# SARS-CoV-2 S1 Protein Induces Endolysosome Dysfunction and Neuritic Dystrophy

Gaurav Datta, Nicole M. Miller, Peter W. Halcrow, Nabab Khan, Timothy Colwell, Jonathan D. Geiger and Xuesong Chen\*

Department of Biomedical Sciences, University of North Dakota School of Medicine and Health Sciences, Grand Forks, ND, United States

Read it for yourself [here](#).

AND THEN THERE IS THIS ONE.



## Brain, Behavior, & Immunity - Health

Volume 19, February 2022, 100399



## Neurological consequences of COVID-19 and brain related pathogenic mechanisms: A new challenge for neuroscience

Fiorella Sarubbo PhD <sup>a, b, c</sup> , Khaoulah El Haji MSc <sup>a</sup>, Aina Vidal-Balle BSc <sup>a</sup>, Joan Bargay Lleonart MD, PhD <sup>a, c, d</sup>

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 of COVID-19 (PASC): An Overview of Biological Factors That May Contribute to Persistent Symptoms

 Amy D. Proal<sup>1</sup> and  Michael B. VanElzakker<sup>1,2\*</sup>

<sup>1</sup>PolyBio Research Foundation, Kenmore, WA, United States

<sup>2</sup>Division 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 an immune response in patients with COVID-19

[Zahra Shabani](#) 

[Acta Neurologica Belgica](#) **121**, 859–866 (2021) | [Cite this article](#)

**2519** Accesses | **5** Citations | **17** Altmetric | [Metrics](#)

Yipes. Read [here](#).

And brain endothelial attack. What could possibly go wrong?

# Spike Proteins of SARS-CoV-2 Induce Pathological Changes in Molecular Delivery and Metabolic Function in the Brain Endothelial Cells

by  **Eun Seon Kim** <sup>1,2,†</sup>,  **Min-Tae Jeon** <sup>1,†</sup>,  **Kyu-Sung Kim** <sup>1,2,†</sup>,  **Suji Lee** <sup>1,3,†</sup>,  
 **Suji Kim** <sup>1</sup> and  **Do-Geun Kim** <sup>1,\*</sup>

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<sup>2</sup> Department of Brain & Cognitive Sciences, DGIST, Daegu 42988, Korea

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Received: 18 August 2021 / Revised: 19 September 2021 / Accepted: 1 October 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;<sup>[1][2]</sup> synthetic toxicants created by artificial processes are thus excluded.<sup>[3]</sup> The term was first used by organic chemist Ludwig Brieger (1849–1919)<sup>[4]</sup> and is derived from the word toxic.”

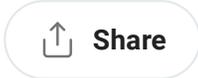
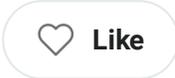
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Fact Checker: An popular extension of the school yard volunteer that would assist the faculty in overseeing and encouraging general conformity on the playground as much as is possible in relation to the classroom.

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