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BREAKING NEWS

Scientific Study finds the spike protein used in Covid Vaccines causes Strokes, Heart attacks, and Blood Clots

BY THE DAILY EXPOSE ON MAY 19, 2021 • (1 COMMENT)



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A scientific study has been published which has found the SARS-CoV-2 spike protein, used in the Covid-19 vaccines causes major vascular damage inducing strokes, heart attacks, migraines, and blood clots among dozens of other dangerous adverse reactions that have already killed a minimum of **over 1100 people in the UK** (<https://dailyexpose.co.uk/2021/05/13/uk-government-release-15th-report-on-adverse-reactions-to-the-covid-vaccines/>) and **over 10,500 people across EU countries** (<https://dailyexpose.co.uk/2021/05/17/covid-vaccines-have-caused-over-10-5k-deaths-across-eu-countries-according-to-adverse-reaction-database/>) **alone.**

The prestigious Salk Institute, founded by vaccine pioneer Jonas Salk, has authored and published the bombshell scientific study revealing that the SARS-CoV-2 spike protein used in the Covid jabs is what's actually causing vascular damage. Critically, all three of the experimental Covid vaccines currently under emergency use authorisation in the UK either inject patients with the spike protein or, via mRNA technology, instruct the patient's own body to manufacture the spike protein and release them into the blood system.

The Salk Institute study proves the assumption made by the vaccine industry, that the spike protein is inert and harmless, to be false and dangerously inaccurate.

In an article entitled, "[The novel coronavirus' spike protein plays additional key role in illness](https://www.salk.edu/news-release/the-novel-coronavirus-spike-protein-plays-additional-key-role-in-illness/)" (<https://www.salk.edu/news-release/the-novel-coronavirus-spike-protein-plays-additional-key-role-in-illness/>), published on April 30th, 2021, the Salk Institute warns that, "Salk researchers and collaborators show how the protein damages cells, confirming COVID-19 as a primarily vascular disease."

From that article:

Now, a major new study shows that the virus spike proteins also play a key role in the disease itself.

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Professor Uri Manor, who is co-senior author of the study. "That could explain why some people have strokes, and why some people have issues in other parts of the body. The commonality between them is that they all have vascular underpinnings."

The paper provides clear confirmation and a detailed explanation of the mechanism through which the protein damages vascular cells for the first time.

In the new study, the researchers created a "pseudovirus" that was surrounded by SARS-CoV-2 classic crown of spike proteins, but did not contain any actual virus. Exposure to this pseudovirus resulted in damage to the lungs and arteries of an animal model—proving that the spike protein alone was enough to cause disease. Tissue samples showed inflammation in endothelial cells lining the pulmonary artery walls.

The team then replicated this process in the lab, exposing healthy endothelial cells (which line arteries) to the spike protein. They showed that the spike protein damaged the cells by binding ACE2. This binding disrupted ACE2's molecular signaling to mitochondria (organelles that generate energy for cells), causing the mitochondria to become damaged and fragmented.

Previous studies have shown a similar effect when cells were exposed to the SARS-CoV-2 virus, but this is the first study to show that the damage occurs when cells are exposed to the spike protein on its own.

"If you remove the replicating capabilities of the virus, it still has a major damaging effect on the vascular cells, simply by virtue of its ability to bind to this ACE2 receptor, the S protein receptor, now famous thanks to COVID," Manor explains. "Further studies with mutant spike proteins will also provide new insight towards the infectivity and severity of mutant SARS CoV-2 viruses."

The research proves that the Covid vaccines are capable of inducing vascular disease and directly causing injuries and deaths stemming to blood clots and other vascular reactions. This is all caused by the spike protein that's engineered into the vaccines.

The Salk Institute article refers to this science paper published in *Circulation Research: SARS-CoV-2 Spike Protein Impairs Endothelial Function via Downregulation of ACE 2* (<https://www.ahajournals.org/doi/10.1161/CIRCRESAHA.121.318902>).

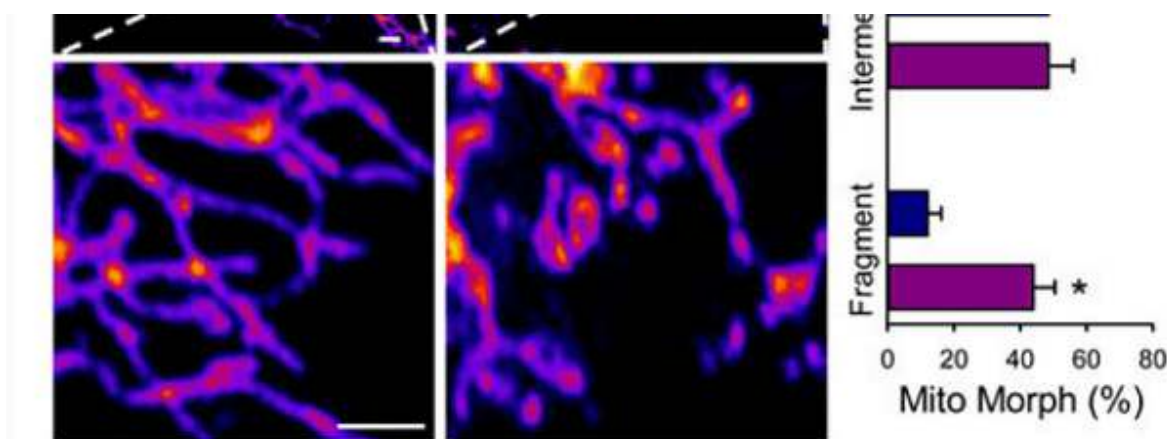
This paper is the first to document the mechanism by which spike proteins — even ones lacking an active viral component — cause vascular destruction by binding to ACE2 receptors and inhibiting the function of cellular mitochondria.

From the paper:

SARS-CoV-1 [Spike] protein promotes lung injury by decreasing the level of ACE2 in the infected lungs. In the current study, we show that S protein alone can damage vascular endothelial cells (ECs) by downregulating ACE2 and consequently inhibiting mitochondrial function.

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Also from the paper:

We next studied the impact of S protein on mitochondrial function. Confocal images of ECs treated with S1 protein revealed increased mitochondrial fragmentation, indicating altered mitochondrial dynamics...

Moreover, ACE2-L overexpression caused increased basal acidification rate, glucose-induced glycolysis, maximal glycolytic capacity, and glycolytic reserve (Figure [D], ii). Also, ECs incubated with S1 protein had attenuated mitochondrial function but increased glycolysis, when compared with control cells treated with IgG...

...our data reveals that S protein alone can damage endothelium, manifested by impaired mitochondrial function and eNOS activity but increased glycolysis. It appears that S protein in ECs increases redox stress which may lead to AMPK deactivation, MDM2 upregulation, and ultimately ACE2 destabilization.

The study then states that “vaccination-generated antibodies” may protect the body from the spike protein.

However it is the very spike protein within the vaccine that causes damage to the vascular system. In other words, the human immune system is trying to protect the patient from potential damage caused by the vaccine, before the damage can be caused. Therefore any person who does not suffer a serious adverse reaction to the Covid vaccine only does so because their innate immune system is protecting them *from* the vaccine, not *with* the vaccine as authorities want you to believe. **The vaccine is the weapon.** Your immune system is your defense.

Based on this research alone, all covid vaccines should be immediately pulled from the market and reevaluated for long-term side effects.

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