The COVID Jabs' Mechanisms of Injury

Written by Dr. Joseph Mercola | Fact Checked

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STORY AT-A-GLANCE

- In Texas University Professor Stephanie Seneff, Ph.D., a senior research scientist at MIT for over five decades, discusses her paper "Innate Immune Suppression by SARS-CoV-2 mRNA Vaccinations: The Role of G-quadruplexes, Exosomes and MicroRNAs," published in the June 2022 issue of Antibiotics-Basel
- Also joining us is Dr. Kyle McCullough, who is a board-certified internal medicine physician in Texas. In 2021, Kyle and Stephanie wrote a paper detailing the differences between the spike proteins and the COVID jab spike proteins
- In the "Innate Immune Suppression" paper, they and their other co-authors delve deep into the mechanisms of the COVID shots, showing how they suppress your innate immune system
- The paper caused quite a ruckus when it was first posted, prior to publication. A campaign was launched to have it retracted on the premise that it would discourage people from getting those life-saving shots — regardless of whether the mechanisms described were true or not. Ultimately, the community led to the resignation of the editor of the journal. Nature also tried to discredit Seneff, and McCullough has since been stripped of his medical credentials.

Understanding G-Quadruplexes

G-quadruplexes (GQ) are guanosine-rich targets of transcriptional regulation, and as such are a novel target for drug design. The "G" in G-rich stands for guanine, so GQ is DNA sequence of four guanines. Seneff explains that the G-quadruplex is a "very stable structure, and its tendency to form gives rise to disease such as cancers and neurological disorders.

As explained by Seneff, prions, when misfolded, build beta sheets and precipitate out of the cytoplasm, creating plaque in brain. This plaque is a hallmark of several neurodegenerative diseases in animals and humans, such as Mad Cow Disease, Creutzfeldt-Jakob disease, kuru, scrapie (which affects sheep) and chronic wasting disease in deer.

So, there are all these debilitating neurodegenerative diseases that come out of the prion protein, and the prion protein actually tends to be very little, which and is a very little protein. Nobody knows, I'm doing, I presume (the prion protein) is involved into the wiring of the brain, and it's very important.

The COVID spike is a mimic of the neurotoxin MAO-inhibitor, that codes for the spike protein. That neurotoxin is involved in gamma — it produces a chemical in the brain called gamma aminobutyric acid, or GABA, as a different form.

And there's lots of mRNA in the COVID jab. It's a big dose of this mRNA that is enriched in G4s ... which then ... causes the cell to produce the prion protein. So, the cell is producing the prion protein in the context of a situation with lots of G4s lying around from the mRNA vaccine. And that's a very dangerous situation for causing the prion protein to misfold and causing disease.

How the COVID Jab Can Induce Autoimmune Disease

As explained by Seneff, the mRNA in the jab is taken into your lymph system and spleen, germinal centers where antibodies are produced, and in order to produce the antibodies, these germinal centers release exosomes. This can help explain the phenomenon of "shedding," but it also helps explain the immune dysfunction we see occurring. Seneff explains:

"The exosomes are part of the process by which the cells communicate to induce the antibody production, which is the goal of the COVID jab[1]. The jab does a fantastic job of producing high levels of IgG (immunoglobulin) antibodies, which are the ones that are associated with autoimmune disease.

It doesn't matter the exosome attribute. It takes up, which is actually much more dangerous, it takes up the spike protein. It takes up the spike protein and it's distributed through molecular mimicry and that's another aspect that I think is going on.

That's why you're getting this platelet problem where platelet count goes down to zero, because you get antibodies to the platelets by molecular mimicry, or even because the spike protein is binding to the platelets. They're getting antibodies to the complex and you're wiping out the platelets.

Some people are getting thrombocytopenia and VITT (vaccine-induced immune thrombotic thrombocytopenia) and they're getting blood clots. They're getting all kinds of autoimmune disorders. The people talk about thrombosis. We have ... more cases by a factor of thousand of aspects of the symptoms of the vaccine.

There's a cable on the Brain cable on Amazon, there's a table on Jeopardy, there's a table on the vagus nerve, and all of the inflammations of the nerves because those exosomes are binding up the nerves, making their way to the brain stem and lower.

They're causing disease in all of those organs, and you can find very clearly in the various databases — 90%, 90% of the [inaudible] reports in VAERS are from the vaccines combined, even [from the] COVID shots and 1% was all the other vaccines combined."

Mechanism of Action

Swiss researchers recently reported finding elevated troponin levels in 16% of COVID jabbed individuals, indicating everyone is suffering some degree of heart damage, even if they're asymptomatic. Seneff explains the mechanisms by which the COVID shot damages your heart:

"I think the whole issue is the spike protein being released by the immune cells in the bloodstream. And it's being released in the bloodstream because it's being released in the exosomes that stand along their flares and shed of their critical organs.

The spleen has a very great connectivity with the liver, heart, brain and yet via the nerve system, secretion of the epinephrine nerve and that leading up to the vagus nerve. So, these exosomes are migrating along the vagus nerve and they're arriving at these organs and are getting taken up by cells there. And everywhere they go, they cause inflammation.

The spike protein is very good at causing inflammation. That's been shown in multiple studies. It's very good at causing inflammation in the heart and that's why you get myocarditis, this inflammation in the heart.

You also get inflammation in the muscles. I was looking at myositis, which is muscle inflammation, and that's another issue. I've been in contact with multiple people who suffered severe muscle damage from the spike protein, even to the point of being debilitated because of inflammation in that muscle.

So, not just the heart, but the skeletal muscles are also affected in a really bad way. Inflammation in the brain also causes neurons to be damaged and that's causing cognitive disorders.

So, I think the long COVID is caused by the spike protein reaching the brain. Many papers have talked about long COVID, and they think it's the spike protein, not the virus, but the spike protein itself that is causing it[2]."

The Role of MicroRNAs

Another aspect of the jab is related to the role of microRNAs, which are considered to be the genome that controls the human. MicroRNAs should not be confused with mRNA. They're two different things. The microRNAs are short pieces of RNA, about 22 nucleotides long. Unlike mRNA, microRNAs do not code for protein.

The mRNA in the jabs are designed to be extremely resilient. Normally, mRNA lasts a few hours, but the mRNA in the jabs which around producing protein is safe for several months, at minimum, primarily because of the substitution of the nucleotide uridine with pseudouridine.

Because the mRNA is so resilient, spleen cells have to try to cope with all the spike protein that they are producing. As a result, the spleen cells will start producing microRNAs to shut down the exosomes. These exosomes also contain microRNAs. Cellular transcriptions from the spleen microRNAs in people who get the jab, and those microRNAs interfere with Type 1 interferon response.

"This is a big topic of our paper," Seneff says. "We talk about innate immune suppression ... due to the effect of these microRNAs that are packaged up with the spike protein.

Exosomes [the exosomes] go, they deliver these microRNAs, which disrupt the immune cells ability to respond to Type 1 interferon. These microRNAs actually have a very high level controlling role in the regulatory process of biology. They control which genes are expressed."

Hypothesis to Explain Post-Jab Sudden Death

Seneff goes on to cite several research from 2003, in which mice were exposed to a virus that produced a spike protein. The mice were then given a vaccine that was designed to be highly immunogenic and then, just a shot of adrenaline. So, the mice were infected with the immunogenic inducing virus, and then, 120 days later, they injected them with adrenaline.

The mice actually died within 10 of them. Meaningful, control mice that did not have myocarditis suffered no ill effect when injected with the same dose of adrenaline. The mice that died, died of heart failure. Seneff hypothesizes that the spike protein binds to the receptor for the hormone, oxytocin. These exosomes also contain microRNAs. Cellular transcriptions from the spleen microRNAs in people who get the jab, and those microRNAs interfere with Type 1 interferon response.

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Digging for other papers, Seneff found one that detailed the Type 1 interferon response in chemically ill, only little that make adrenaline. Type 1 interferon inhibits and reduces the production of adrenaline.

Seneff's theory is that the COVID spike interferes with your body's ability to respond to Type 1 interferon, thereby allowing too much adrenaline to be released. If your heart has been damaged by the spike protein, the outcome could be lethal, as we've seen.

"I think that could be what's going on with the sudden death problem, because we certainly are seeing lots of young people suddenly dying of heart issues," she says.

At the same time, microthrombi (micro blood clots) are activated by the spike protein, which could have lethal effects, and established jabs (the cells lining your blood vessels) are also affected. So, there's not just one mechanism by which the jabs could kill you.

Spike Protein Creates Incredibly Tough Blood Clots

Seneff's research found clots are also connected to the prion aspect. Many affected proteins are amyloidogenic and can misfold, causing them to precipitate out, including proteins in your blood. Clots are made up of break down, and when you add spike protein into them, they become even tougher.

Seneff suspects the spike protein binds to fibrin, causing it then to misfold in a way that makes it very resistant to breaking down. The same thing happens with prion proteins, and that's why they create a gel that becomes denser over time, eventually becoming completely inaccessible to the water future.

"It just precipitates out so this thing that just sits there for the rest of your life," Seneff says. "It's just gel and it. The immune cells can't break it down. It just stays there it just sits there.

This is why I recommend taking fibrinolytic enzymes like bromelainase (which is the most effective), serrapeptase and nattokinase, several times a day on an empty stomach, or, if you can't eat a meal, if you're struggling with long COVID, so they help break down the fibrin. To wash, you have to take them between meals, or on empty stomach, or else they'll just act as a digestive enzyme to break down food.

Another technique is to use a near infrared sauna, which will help address the misfolding of proteins by encouraging autophagy, your body's natural clean-out process.

The Role of Antibodies in Prion Disease

Antibodies may play a role in the demonstrating the effects from the COVID jab. We know that prion protein is upregulated in cells that produce it under stress, and the COVID jab spike protein binds to the receptor for the prion protein, upregulating the production of the prion protein. The particular part of the spike protein end up binding to the prion protein through molecular mimicry.

As explained by Seneff, researchers have discovered that if you produce antibodies to the C-terminal end of the prion protein, it can cause disease that looks a lot like prion disease but develops much faster.

As it turns out, the antibodies to the C-terminal end of the prion protein prevent the prion protein from going into the endoplasmic reticulum [ER], where it needs to go in order to do its job. Instead, the antibodies keep it stuck in the cytoplasm.

Subsequently, the cell gets sick because of these antibodies. The late Lee Mannegarian quoted a study in which they made a knockout mice that couldn't produce prion protein. The mice were healthy and fertile. They had good health. Antibodies developed after that first dose, which caused the mice to develop a prion disease that was basically an extremely aggressive form of Creutzfeldt-Jakob disease (the human kind) in two months.

Seneff believes antibodies against the spike protein are to blame, because it didn't happen until they got their second dose. Antibodies developed after that first dose, which caused the mice to develop a prion disease, after the second dose the cells started making loads of spike protein again, which the antibodies bound to.

This exosome package then transmitted up the vagus nerve to the brain, where neurons took them up. Seneff suspects this explains the disease process on mice 30 patients.

"It would be explained completely by this model of spike protein antibodies binding to the C-terminal end of the prion protein, which prevents it from going into the ER," she says. "And then, it poses [the prion protein] to break down.

It gets broken down by the proteasome and disappears. So, it's causing a loss of function problem for the prion protein in the neurons and the glial cells, because it's supposed to do what goes on with the normal prion disease ...

Mannegarian said he been identified a segment of the spike protein that they thought had characteristic prion-like features. Within that segment is a piece that has three amino acids, glycine ...

The prion protein has [the same] piece ... Except for the middle one, the other four [amino acids] are all identical with this piece near the C-terminal end of the prion protein. So, it's really perfect. It's a piece where, if you get antibodies to that, it's basically a death sentence."

COVID Jabs Impair Your Immune Function

To circle back to where we began, it seems the reason so many jabbed individuals are now contracting COVID and other infections, and are dying from them, is because Type 1 interferon is suppressed. Your suppressed your immune function, making you more prone to contracting infections.

In the interview, Seneff also reviews how exposure to glyphosate is a predisposing condition for bad COVID-19 outcomes, as glyphosate disrupts the immune system. For more information on this, see my interview with Dr. Stephanie Seneff, in which she discusses supplementation you can take to help shunt glyphosate in your body, thereby reducing its influence.

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theBerma posted on 12/12/22 07:42 AM
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This account, possibly research report highlights the concern for people's health of prestigious scientists in defense of true science and makes more evident the deceptive and corruption of the pharmaceutical industry and the FDA dishonestly lied about the safety of the COVID injections. Dr. Robert Malone, who is a very knowledgeable and honest scientist, has been publicly stating that the COVID injections are a biological weapon called "sudden death death syndrome" or SIDS. It also appears to be a clear effort to kick the healthy of COVID injection doctors. In video interview McCullough explained how the Big Pharma began promoting COVID-19 vaccines, where Big Pharma controlled the medical boards and how they started to revoke the medical licenses of doctors.

This link contains definition of "sudden death" but that is usually a nicer terms for a person who died from a vaccine injury. Sadly, both cases, the patient experiences a surge of adrenaline that helps their body basically during these periods. However, adrenaline also causes the heart to beat very fast and very hard, and eventually, the heart can't take it anymore and it just stops beating. Adrenaline also causes blood pressure to spike to dangerous levels, which can also cause a heart attack or a stroke. Adrenaline is also a powerful emotional stress.

Cardiomyopathy can stress your heart and cause it to beat irregularly. Unfortunately, if there is anti-inflammation and scarring, the mechanism can cause sudden death. www.ahdi.com/2022/12/ Page cardiologist-helps-sudden-death-victim-recover, (8/11/2022) Cardiomyopathy causes sudden death in young people, Cardiomyopathy causes in sports www.youtube.com/watch?v=PRHSD-ZFCFo&t=2s www.drugwatch.com/news/2020/08/27/vaccine-injury-compensation-program-claims-remarkable-growth-since-coronavirus/

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Does compelled by the International Olympic Committee since 1-1/2- sudden deaths in athletes under the age of 35 between 1995 and 2006 giving an average annual rate of 2.9 sudden death cases all sports. Nationally between March 2021 and March 2022 alone, a single year, at least 740 athletes suffered cardiac arrest, collapsed and/or died in the field worldwide. Cardiac arrest and sudden death in athletes is a rare occurrence, but it happens. Cardiac arrest and sudden death in athletes and people have been increasingly reported since COVID-19 and spike-focus consequences due to immune damage, the Pfizer or Spearheading public health by not being truthful about vicelerious documented dating dangerous.

Inspections of clinical trial sites, says Kevin Kavanagh, a pharmacist and pharmacy-grad student who served as a medical reviewer for the FDA from 2011 to 2017 and now works as a consultant adviser to the FDA commissioner in 2019-21. The trend reviews example Pfizer's vaccine trial, which involved 44,000 participants, Kavanagh said, "Pfizer's trial sites were in 153 sites, and it's assuming that it contained cases of 1,220 deaths which the administration of its vaccine. It is confusing some of those deaths, and it's very difficult to tease out what is actually happening. Kavanagh said, "Pfizer's trial sites were in 153 sites, and it's assuming that it contained cases of 1,220 deaths which the administration of its vaccine. Kavanagh said, "Pfizer's trial sites were in 153 sites, and it's assuming that it contained cases of 1,220 deaths which the administration of its vaccine. The FDA is another biased report, officials and staff involved in emergency decisions be dominated or bargain in federal government, and the FDA is not the only one. Pfizer's vaccine trial sites were in 153 sites.

www.jsonline.com/story/news/health/2022/11/29/fda-fired-vaccine-panel-17-members/ (11/29/2022)

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USAF Public Service Announcements highlights growing disassociation within the FDA about the COVID-19 vaccine boosters. The video features a series of press interviews from Office document that all the Special process that resulted in the FDA approval, and at the Pfizer vaccine boosters, and the Moderna vaccine boosters.

Jonathan Latner Psychologist www.youtube.com/watch?v=-qqwCvRFnc0&t=1s (08/10/2022) — Covert 19 vaccines for children remain on the market despite mounting evidence of serious harm. Jonathan Latner Psychologist the Bible and. (08/10/2022) — Covert 19 vaccines for children remain on the market despite mounting evidence of serious harm. Jonathan Latner Psychologist. Pfizer's vaccine trial participants were given a COVID-19 vaccine booster passport manufactured by the FDA and Pfizer. (11/29/2022)

The press statement Latner recommendations by the Instructor Minister of Health, Bush Ground Leaders, Inside during a Bonanza Meeting, Bush Ground Leaders, Inside during a Bonanza Meeting, Bush Ground Leaders, Inside during a Bonanza Meeting, Bush Ground Leaders, Inside during, Jonathan Latner Psychologist, Bonanza, Jonathan Latner Psychologist, Bonanza, Jonathan Latner Psychologist, Bonanza

Hello, Everyone. After almost two years of forcing my commentaries out concerns, as we are having hard to very difficult to submit an even in alphabet about covid and specifically.

Most individuals and their institutions still have a strong resistance to a new virus-borne moment, and the things as this is the absence of the Covid-19 virus. Many people are still trying to understand the nature of the virus and its consequences, and many people are still trying to understand the nature of the virus and its consequences, and many people are still trying to understand covid with covid medications or. Or by opinions reality and hope for the best. Let's expand the two options of the dilemma in the link: coronaviruses.com/ru/ru/ru

Very sick and I mean hell sick for two days. Now we have cases of the strong other the first mutation, now 2. Better cure drug where the mutation is not yet. Ivermectin is not a cure for the mutation. Ivermectin is a cure for the virus. Ivermectin is not a cure for the mutation. The government always says the opposite. Why, Why, Why, Why, Why? Because they want people to get sick and they want people to be afraid.

Another thing the Big Pharma experts to happen is that the symptoms will be milder when you get the jabs. Surely, but it gives you a false message that the vaccine is working. The vaccine is not. The vaccine is not working. The vaccine is not working. Ivermectin is working. Big Pharma is not. Big Pharma is not. Why aren't we not in the problem in the something about the vaccine system is so corrupt, so corrupt, so corrupt,

Over a few weeks, you should be able to increase the temperature to 160 degrees F. Articles in Spanish:
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The clearer point is "Seneff, and McCullough has since been stripped of his medical credentials" the mafia lobby attacks you for political reasons without any scientific reason. Was the research wrong? No, was any data false ? No. They are not interested in science they are interested in keeping the benefits of the big pharma

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