

# UNDERSTANDING COVID-19 VACCINES



What Has the Research Shown?

# What has the research shown?

The FLCCC, REACT19, Children's Health Defense, and other organizations have been combing through databases critically reading and analyzing the COVID-19 vaccinations and the impact they have had on the population at large.

## THE FACTS

- The COVID mRNA vaccines have caused harm and death on an unprecedented scale.
- Clinicians and scientists understand the mechanisms of damage to the body.
- The injuries can be predicted from basic principles of immunology.
- The reactions and side effects have been confirmed in many independent scientific studies by scientists whose specialty is pathology.
- Pathology is the science of examining tissue and body fluid samples to diagnose diseases and understand how a disease works.
- The COVID mRNA vaccines continue to cause harm when patients continue to repeat the injections.



# What has the research shown?

The vaccines can harm the body and the immune system in several ways. Below, we discuss each one and explain how each can have an impact on the body.

## MECHANISMS OF INJURY

- **The Lipid Nanoparticle:** Causes inflammation, and damages the DNA by activating chemicals called reactive oxygen species (ROS). This damage will remain even after the lipids themselves have been eliminated. The damage does not go away but continues as time passes.
- **The Spike Protein:** A cell that takes up mRNA vaccine particles will produce spike protein, which can be released from the cell and bind to ACE-2 receptors on other cells. This will inhibit the normal function of those receptors, which raises blood pressure and promotes blood clotting. The spike protein inside the cell also interferes with the cell's ability to repair DNA damage.
- **Immune response to spike protein as a foreign antigen:** This is the most important method of injury and we will describe it in more detail in the following pages. See sections: "The Immune Response" and "Vaccines vs. COVID-19 Virus".

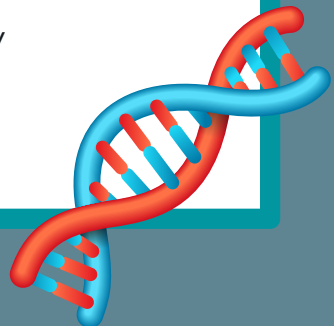


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## MECHANISMS OF INJURY

- **Induction of genetic mutations by the mRNA and by contaminating DNA. Inside the lipid nanoparticle, there are 3 ways in which damage to the body can occur:**
  - The lipid nanoparticles contain a cationic (positively charged) particle, which promotes the formation of reactive oxygen species (ROS) inside the cell. These ROS may then react with DNA and damage it. Think about metal rusting — this is a similar oxidative chemical reaction.
  - The mRNA itself may undergo reverse transcription into DNA, which will then insert itself into the chromosomal DNA. This may result in dysregulation of gene function or abnormal increased/decreased gene function.
  - The mRNA vaccines are produced by creating mRNA copies of DNA templates, which in turn have been made using genetically modified bacteria. This template DNA must be removed from the generated mRNA before the latter is packaged into lipid nanoparticles. However, it has been shown that commercial batches of the mRNA vaccines contained large amounts of residual template DNA. This contaminating DNA may also be taken up by our body cells and again inserted into their own chromosomal DNA.



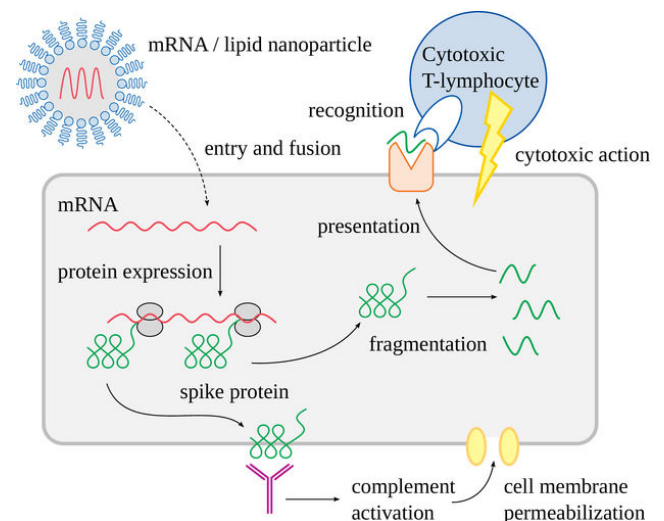
# What has the research shown?

This section explains the difference in immune response between a COVID-19 infection and injection with mRNA vaccines

## COVID-19 VIRUS VS. VACCINES

There are two pathways, by way of the body's immune response, that cause damage to cells:

- **Pathway one:** On the cell surface, the spike protein from the mRNA vaccines will bind to antibodies. The antibodies activate the **complement system**, which is a cascade of serum proteins that form a membrane attack complex. The complexes then create large holes in the cell membranes, which kill the cell.
- **Pathway two:** The immune attack begins with the fragmentation of some spike protein molecules within the cell. The fragments are again taken to the cell surface, where they are recognized by cytotoxic T-lymphocytes (T-killer cells). This causes them to attack and kill the infected cell.



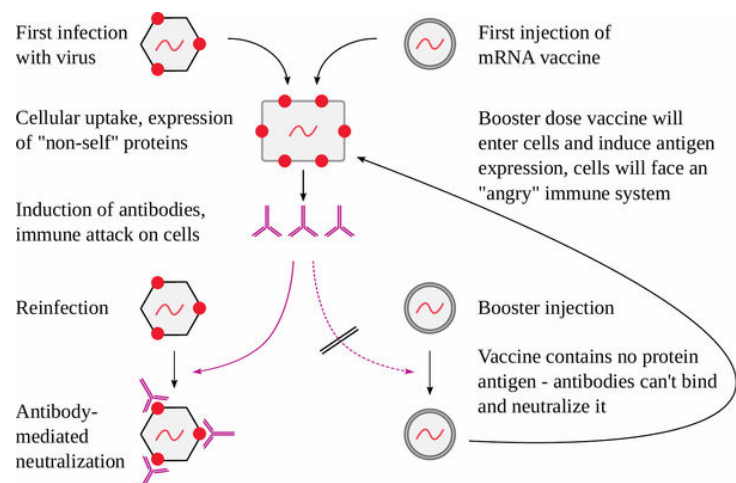
# What has the research shown?

Here, we summarize why the vaccines can worsen the immune response in the body and how the body can also “attack itself” and cause inflammation or trigger diseases.

## THE IMMUNE RESPONSE

**In a nutshell, with real viruses existing in nature, immunity should stop cellular damage and inflammation. In contrast, the mRNA vaccines actually worsen natural immunity.**

- Unlike viruses, mRNA vaccines do not replicate and instead need the full amount of vaccine particles all at once and every time to create “an immune response.”
- With repeat injections, combined with the immune response from a prior viral exposure, the antigens clash with the immune response.
- The result is intense inflammation. Immediate vaccine side effects as well as long-term effects such as autoimmune disorders will become more likely after the second shot.
- In addition, the reaction becomes more severe after repeated injections.
- Unlike viruses, mRNA particles aren’t recognized by antibodies: mRNA vaccines only contain the blueprint for the protein, but not the actual protein itself.
- These particles will be taken up by our body cells regardless of immunity. Any immunity already present will then be directed against those unlucky cells.



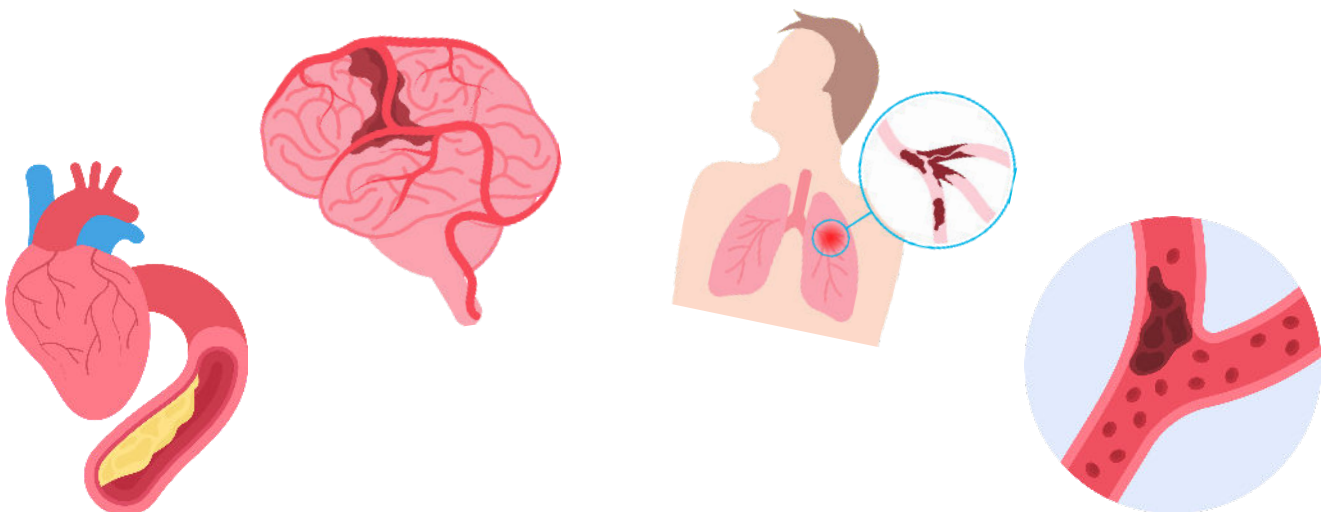
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Are the vaccines actually “safe and effective”?  
Were they tested properly before they were used on the public?

## THE FLAWS IN THE VACCINES

**In summary, mRNA vaccines have three flaws that set them apart from traditional live virus vaccines. These flaws compound each other to cause the severe immune-mediated damage to organs and blood vessels that has been observed in many sick or deceased patients:**

1. The high particle load clashes with an intense immune response.
2. Particles “fly under the radar” of antibody surveillance before entering cells, directing an “angry” immune system against those cells.
3. Antigen expression in cells of blood vessel walls causes destruction of vessels, with activation of blood clotting.



# What has the research shown?

This summary is based on the eBook 'mRNA Vaccine Toxicity' by Dr. Michael Palmer, MD, Sucharit Bhakdi, MD, Brian Hooker, PhD, Mary Holland, JD, Margot DesBois, BA, David Rasnick, PhD, and Catherine Austin Fitts.

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