

Pfizer Documents Show COVID-19 Vaccines Contain Potentially Harmful ‘Modified’ RNA, not mRNA

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Although we’ve been told Pfizer’s COVID-19 vaccine is manufactured with [harmless messenger RNA](#) (mRNA), the U.S. Food and Drug Administration’s (FDA) [product label](#) shows it contains [artificially modified](#) RNA—a key ingredient that is not naturally occurring and poses a substantial risk to human health.

According to Pfizer and BioNTech’s COVID-19 vaccine label in the FDA’s Fact Sheet for Healthcare Providers, each Pfizer vaccine dose for children ages 5 through 11 contains 10 micrograms (mcg) of modRNA, while fully-approved Comirnaty authorized for use in individuals 12 years of age and older contains 30 mcg of modRNA.

Pfizer, [on its website](#), confirms its COVID-19 vaccine contains modRNA: “ModRNA stands for nucleoside-modified messenger RNA and in the synthesis of the RNA used in this vaccine platform, some nucleosides, which are important biological molecules that constitute DNA and RNA, are replaced by modified nucleosides to help enhance immune evasion and protein production.” The company says modRNA instructs the cells to produce desired proteins.

Yet the Centers for Disease Control and Prevention (CDC) states on its website ([pdf](#)) that mRNA COVID-19 vaccines are “made of mRNA,” or “messenger RNA.”

According to the agency, the mRNA in COVID-19 vaccines such as Pfizer and Moderna is [created in a laboratory](#) and teaches cells how to make [harmless pieces of spike protein](#) that trigger an immune response inside the body. The mRNA from mRNA-based vaccines is broken down within days after vaccination and eliminated from the body. In its description of mRNA and how COVID-19 vaccines work, the CDC makes no reference to modRNA or indicates that the RNA used in COVID-19 vaccines has been modified.

Messenger RNA occurs naturally and lives in our cells, and it does not last long enough to initiate an immune response before being destroyed by the immune system—it is modRNA that is synthetically created, [according to Klaus Steger](#), a molecular biologist who headed several gene technology laboratories, regularly applying RNA-based technologies.

Unlike mRNA, modRNA modifies one of four compounds in RNA that make it last longer in the body, less immunogenic (reduced stimulation of the innate immune system), and more efficient at producing a protein—in this case, the spike protein, Mr. Steger stated. Since modRNA cannot target specific cells to make viral protein, it can attack perfectly healthy cells and bypass protective barriers in the body, like the [blood-brain barrier](#).

Injecting modRNA into the body [may lead to adverse events like strokes](#), cardiovascular complications, pulmonary embolism, and the [formation of blood clots](#)—many of which were disclosed in Pfizer’s documents ([pdf](#)) but were not attributed to its product.

“It is my opinion that, at a minimum, the intentional use of mRNA—an acronym well-known to stand for messenger RNA along with the endless statements about the vaccines being based on naturally occurring messenger RNA constitute misbranding in violation of a number of laws,” Ohio-based attorney Thomas Renz told The Epoch Times in an email.

“There is a legal and moral duty to provide informed consent, and to misrepresent a drug that was intended to be a gene therapy as a vaccine containing “natural messenger RNA” is an apparent violation of both of those duties.”

David Wiseman, a research bioscientist with a doctorate in experimental pathology and a background in pharmacy, pharmacology, and immunology told The Epoch Times in an email the FDA uses the term “modRNA” throughout its regulatory documents. Yet the FDA, when it [gave emergency use authorization](#) to the Pfizer-BioNTech vaccine, said the vaccine contains messenger RNA, which it described as “genetic material” that contains a “small piece of the SARS-CoV-2 virus’s mRNA that instructs cells in the body to make the virus’s distinctive ‘spike’ protein.”

The FDA’s description is problematic because the SARS-CoV-2 virus doesn’t contain mRNA, Mr. Wiseman said. “mRNA is the kind of RNA produced in the copying of instructions from DNA in a [process called transcription](#), so to say this is viral mRNA is inaccurate.”

“Understand that, at core, mRNA, modRNA, saRNA, etc.—these are [all gene therapies](#) and all about genetic manipulation,” Mr. Renz wrote in a recent [Substack article](#). “To suggest that this is high risk is an understatement. We have no idea what we are doing and yet we continue forward trying to control these genes.”

Pfizer Is Using Modified RNA Gene Therapy to Develop Other Vaccines

Mr. Renz told The Epoch Times that Pfizer is not only using modRNA for COVID-19 injections but also leveraging gene therapy technology to produce self-amplifying mRNA (saRNA) vaccines and treatments.

“Along with modRNA, Pfizer’s website [also mentions saRNA](#) (self-amplifying RNA) and numerous other lab-made RNA technologies,” he said. “We have discovered that various RNA technologies are in development for various uses, and these technologies, along with new adjuvant technologies, can allow for the introduction of gene therapy products into foods, the air (aerosolized vaccines), and even topical products.”

According to Pfizer, saRNA is a platform that uses a much larger molecule that encodes the antigen of interest and four additional proteins, allowing the cell to make more copies of the mRNA, resulting in more protein being expressed from a smaller dose. Pfizer states that it is currently using this gene therapy technology to develop influenza, shingles, and respiratory combination vaccines.

“It will be curious to know if this is going to be disclosed as well,” Mr. Renz added.

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