

Synthetic mRNA COVID-19 Vaccines. The Critical Role of Pseudouridine

Recipients have been blinded to the complete ingredient list. No one knows exactly what has been injected into the human body"

By [Dr. Peter McCullough](#)

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The US CDC indicates that 92% of adults have taken one or more COVID-19 vaccine injections. Among those, 92% have been with an mRNA product (Pfizer or Moderna). All recipients have been blinded to the complete ingredient list no one knows exactly what has been injected into the human body.

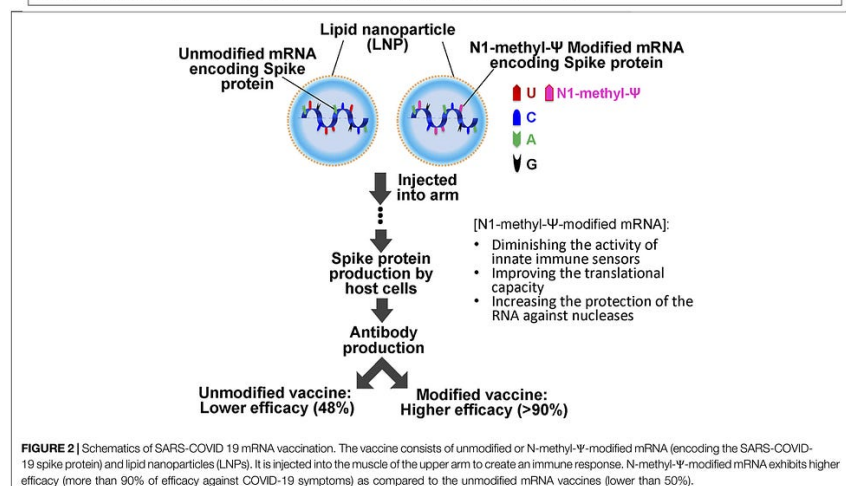
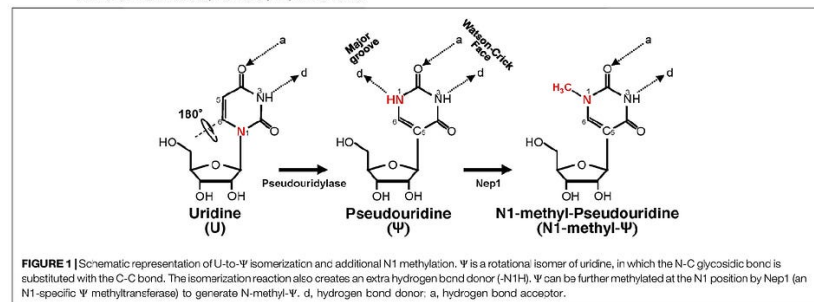
There are some fundamental points known about mRNA. Natural RNA is made of two purines adenine and guanine and two pyrimidines cytosine and uracil. The replacement of uracil with its ribose ring (uridine) with N-1-methyl-pseudouridine, a synthetic product makes the genetic code for the Wuhan Spike protein better stabilized on lipid nanoparticles, long-lasting, and very efficient in terms of evading cellular destruction and able to undergo repeat reading by ribosomes for continued protein synthesis. Morais et al indicate that both Pfizer and Moderna chose development strategies replacing all uridine units with pseudouridine, making the entire strand completely "unnatural" to the human body. Thus vaccine consultants, companies, and patients unfortunately gambled on how long mRNA would be active within the human body. We now understand the quantity and duration of the disease-promoting and potentially lethal Spike protein cannot be known because the pharmacokinetics and pharmacodynamics of mRNA were not characterized.



The Critical Contribution of Pseudouridine to mRNA COVID-19 Vaccines

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Morais P, Adachi H, Yu YT. The Critical Contribution of Pseudouridine to mRNA COVID-19 Vaccines. *Front Cell Dev Biol.* 2021 Nov 4;9:789427. doi: 10.3389/fcell.2021.789427. PMID: 34805188; PMCID: PMC8600071.

Fertig et al found lipid nanoparticles with mRNA were measurable in plasma for—15 days. Recently, Castruita et al demonstrated mRNA in blood out to 28 days. Roltgen et al have found mRNA in lymph nodes 60 days after injection. None of these studies demonstrated complete clearance of mRNA from a group of patients. This is worrisome since injections are recommended in some populations just a few months apart implying there will be stacking of long-lasting mRNA in the body without adequate opportunity for clearance and elimination.

We will look back for many years and ask: how could so many people readily accept injections of heavily modified synthetic genetic code giving the body instructions to manufacture a disease promoting and lethal protein engineered in a biosecurity lab in Wuhan, China? Repeated administrations of mRNA studded with apparently indestructible pseudouridine may have changed the course of lives forever. Done out of fear, and later with pressure, coercion, and threat of reprisal, perceptive recipients must swell with regret everyday with more understanding of what has transpired.

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