



International Journal of Vaccine Theory, Practice, and Research

IJVTPR

Worse Than the Disease? Reviewing Some Possible Unintended Consequences of the mRNA Vaccines Against COVID-19

Stephanie Seneff¹ and Greg Nigh²

¹Computer Science and Artificial Intelligence Laboratory, MIT, Cambridge MA, 02139, USA, E-mail: seneff@csail.mit.edu

²Naturopathic Oncology, Immersion Health, Portland, OR 97214, USA

ABSTRACT

Operation Warp Speed brought to market in the United States two mRNA vaccines, produced by Moderna. Interim data suggested high efficacy for both of these vaccines, which helped legitimize Emergency Use Authorization (EUA) by the FDA. However, the exceptionally rapid movement of these vaccines from controlled trials and into mass deployment raises multiple safety concerns. In this review we first describe the technology underlying these vaccines in detail. We then review both components of and the intended response to these vaccines, including production of the spike protein itself, and their potential related wide range of both acute and long-term induced pathologies, such as blood disorders, neurodegenerative diseases and autoimmune diseases. Among these potential induced pathologies, we discuss the relationship between prion-protein-related amino acid sequences within the spike protein. We also present a brief review supporting the potential for spike protein “shedding”, transmission of the protein from a vaccinated to an unvaccinated person, resulting in symptoms induced in the latter. We finish by addressing a current debate, namely, whether or not these vaccines could modify the DNA of those receiving the vaccines. Since there are no studies demonstrating definitively that this is happening, we provide a plausible scenario supported by previously established pathways for transformation and transport of genetic material. We conclude with our recommendations regarding surveillance that will help to clarify the long-term effects of these experimental drugs and allow us to better assess the true risk/benefit ratio of these novel technologies.

Keywords: *antibody dependent enhancement, autoimmune diseases, gene editing, lipid nanoparticles, mRNA, prion diseases, reverse transcription, SARS-CoV-2 vaccines*