



METHOD FOR SELECTING ANTIGENIC VIRAL VACCINE AND THERAPEUTIC SEQUENCES

WARF: P230004US02

Inventors: David O'Connor, Thomas Friedrich, Marc Johnson

The Invention

UW-Madison researchers, in collaboration with a professor from the University of Missouri, propose using the cryptic lineages (4-24 amino acid substitutions) of the SARS-CoV-2 spike protein sequence to better predict future variants. These variant sequences could then be used in the design of future vaccines to confer enhanced protection. Further, such sequences could be used in the production of antibodies for treating infected individuals.

Additional Information

For More Information About the Inventors

- [Thomas Friedrich](#)
- [David O'Connor](#)

Tech Fields

- [Therapeutics & Vaccines : Vaccines](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847