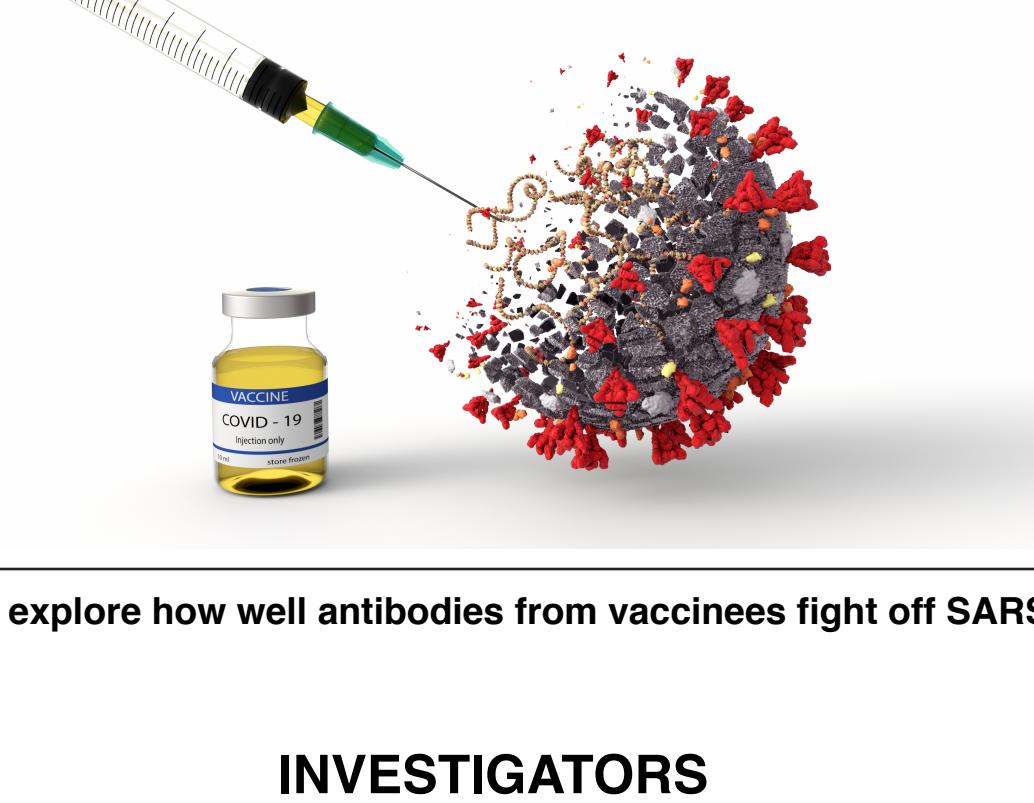


# THE NIH-ROCKEFELLER VACCINE PROJECT



**Objective:** explore how well antibodies from vaccinees fight off SARS-CoV-2

## INVESTIGATORS



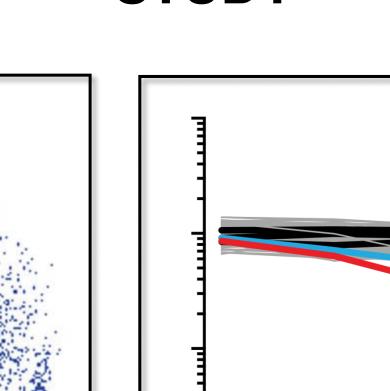
Jenna  
Lieberman  
(NIH)

Rafael  
Casellas  
(NIH)

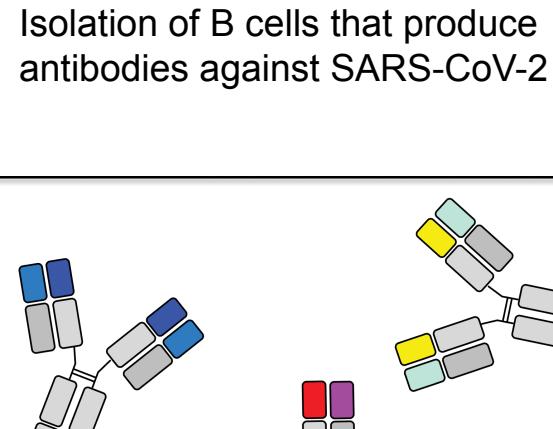
Michel  
Nussenzweig  
(Rockefeller)

## VOLUNTEERS NEEDED

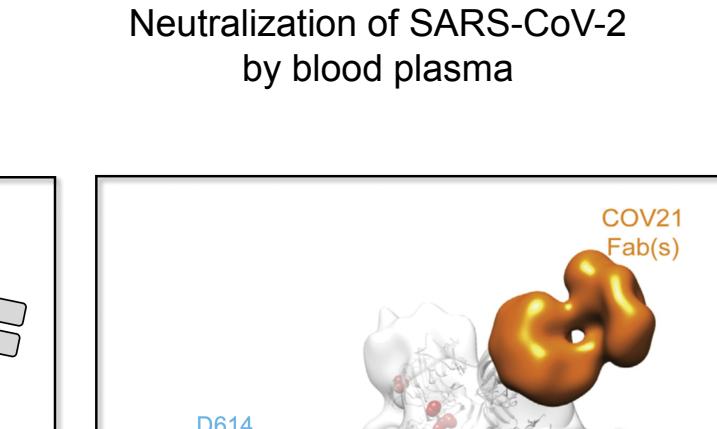
- MODERNA Phase 3 trial vaccinees
- Had experienced flu-like symptoms after vaccination (typically chills, low grade fever, fatigue, etc.)
- Free from blood-borne pathogens
- Willing to provide 50ml (partial analysis) or 120ml (full analysis) of blood



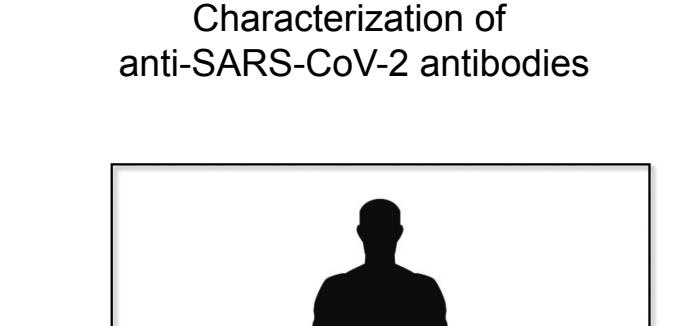
## STUDY



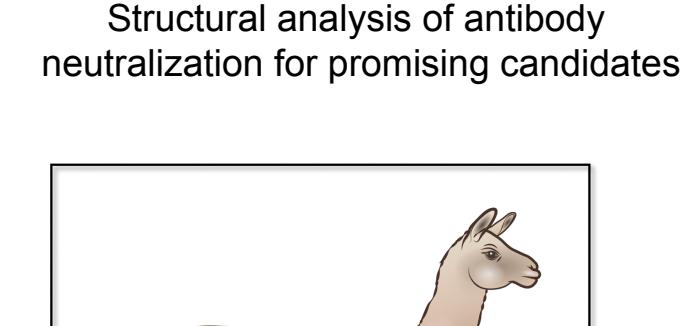
Isolation of B cells that produce antibodies against SARS-CoV-2



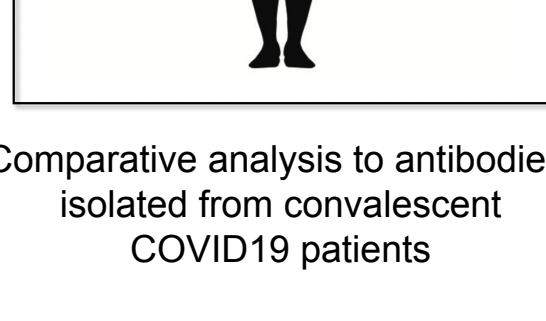
Neutralization of SARS-CoV-2 by blood plasma



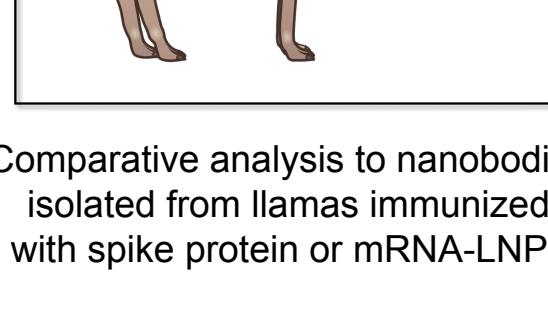
Characterization of anti-SARS-CoV-2 antibodies



Structural analysis of antibody neutralization for promising candidates



Comparative analysis to antibodies isolated from convalescent COVID19 patients



Comparative analysis to nanobodies isolated from llamas immunized with spike protein or mRNA-LNPs

- If you live in the DC area, blood will be drawn at the NIH Blood Center

- For those living in other states, we will coordinate with a blood center near you to draw and ship the blood to us.