



An mRNA Vaccine against SARS-CoV-2 — Preliminary Report
LA Jackson, JH Beigel et al. for the mRNA-1273 Study Group

- Experimental COVID-19 vaccine mRNA-1273 safe, immunogenic in healthy volunteers ages 18-55 years
- N=45

AS Fauci/NIAD

6



NIH Launches Clinical Trials Network to Test COVID-19 Vaccines and Other Prevention Tools



<https://www.coronaviruspreventionnetwork.org/>

AS Fauci/NIAD

7

Novel Coronavirus: SARS-CoV-2



Phase 3 Clinical Trial of Investigational Vaccine for COVID-19 Begins
Multi-Site Trial to Test Candidate Developed by Moderna and NIH



Q&A with Dr. Collins and Dr. Fauci on COVID-19 Vaccines

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8

Clinical Trials of Monoclonal Antibodies to Prevent COVID-19 Now Enrolling

Phase 3 Trials Conducted in the NIAID COVID-19 Prevention Network

August 10, 2020

NOTE: People 18 years of age and older who are interested in participating in these trials should visit the COVID-19 Prevention Network. Please do not contact the NIAID Media phone number or email to inquire about enrolling in the trials.

Two Phase 3, randomized, placebo-controlled, double-blind clinical trials testing whether experimental monoclonal antibodies (mAbs) can prevent infection by SARS-CoV-2 coronavirus are now enrolling healthy adults at clinical trial sites in the United States. Many of the trial sites and study investigators are part of the COVID-19 Prevention Network (CoVPN), recently established by the National Institute of Allergy and Infectious Diseases (NIAID), one of the National Institutes of Health (NIH). SARS-CoV-2 is the virus that causes coronavirus disease 2019 (COVID-19). The trials are enrolling adults who are at risk of infection due to close contact at work or home to persons with SARS-CoV-2 infection.

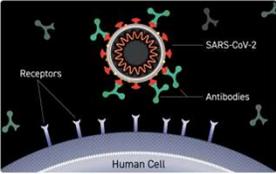


Illustration of an antibody binding to the surface of a virus, blocking entry into a human cell.

9

COVID-19: Pediatric Research

Study to determine the incidence of novel coronavirus infection in U.S. children begins

- NIH-funded study also will ascertain percentage of infected children who develop COVID-19
- The study, called Human Epidemiology and Response to SARS-CoV-2 (HEROS), will help determine what percentage of children infected with SARS-CoV-2 develop symptoms of the disease.

NIH-funded project seeks to identify children at risk for MIS-C

- MIS-C is thought to be a severe complication of COVID-19
- Up to \$20 million will be awarded to successful research proposals over four years

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10

COVID-19: Pediatric Research

NIH Director's Blog
2020 July
What We Know About COVID-19's Effects on Child and Maternal Health

Posted on July 30th, 2020 by Dr. Francis Collins



<https://directorsblog.nih.gov/2020/07/>

NIH-funded study to evaluate drugs prescribed to children with COVID-19

- Researchers will assess dosage, metabolism and other properties not yet determined in children
- Conducted in approximately 40 sites of the NICHD-funded Pediatric Trials Network
- Many study sites are located near diverse communities, given reports that COVID-19 disproportionately affects racial and ethnic minorities across all ages

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11

COVID-19 and Pregnancy

NIH-funded study to investigate pregnancy outcomes resulting from COVID-19 pandemic

- Multipronged study to understand the effects of the COVID-19 pandemic during and after pregnancy.
- The study will be conducted by researchers in the Maternal-Fetal Medicine Units (MFMU) Network funded by NIH's Eunice Kennedy Shriver NICHD



12

12

Vaccine to Protect Broadly Against Mosquito-Borne Diseases Appears Safe

THE LANCET

Safety and immunogenicity of a mosquito saliva peptide-based vaccine: a randomised, placebo-controlled, double-blind, phase 1 trial

Jessica F Manning, Fabiano Oliveira, Ilana V Guedes-Alonso, Samantha Herbert, Claudia Moraes, Shaden Karmali, Holly Ann Razi, Alison Han, Lindsey Czajkowski, Luz Angélica Rojas, Adriana Cavaotto Medina, Rani Athala, Susan Reed, Alyson Matzja, Sally Hunsberger, Emma James, Olga Plogozoules, Gregory Stoboff, Jesus G Valenzuela, Matthew J Memoli



13

13