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## NONHUMAN PRIMATE CORE HUMORAL IMMUNOLOGY LABORATORY FOR AIDS VACCINE RESEARCH AND DEVELOPMENT (COVID-19)

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<b>Project Number</b> 272201800004C-P00003-9999-2	<b>Contact PI/Project Leader</b> CAUDLE, ROB	<b>Awardee Organization</b> DUKE UNIVERSITY
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### Description

#### Abstract Text

The mission of the Division of AIDS (DAIDS), National Institute of Allergy and Infectious Diseases (NIAID) is to ensure an end to the human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS) epidemic by supporting research that can lead to the development of therapies, vaccines, and prevention strategies. Nonhuman primate (NHP) models present the opportunity to test a variety of candidate AIDS vaccines, optimizing their ability to elicit immune responses and testing their ability to prevent infection or to control virus replication after virus challenge. DAIDS provides immunological and virological support for NHP studies conducted at NIAID's Simian **Vaccine** Evaluation Unit (SVEU) contract sites and by AIDS **vaccine** researchers through three Nonhuman Primate Immunology and Virology Laboratories for AIDS **Vaccine** Research and Development (NHP Core Labs) contracts. The objective of these Core Laboratories has been to ensure standardization and comparability of the assays conducted for preclinical NHP studies and to provide a common basis for assessment of the immunogenicity and efficacy of candidate HIV and SIV vaccines. This project focuses specifically on SARS-CoV-2 (**COVID-19**) neutralization assays and other assays to evaluate antibody responses of NHPs to candidate SARS-CoV-2 vaccines.

#### Public Health Relevance Statement

Data not available.

#### NIH Spending Category

Coronaviruses    Emerging Infectious Diseases    Immunization    Infectious Diseases  
Prevention    Vaccine Related

#### Project Terms










2019-nCoV    AIDS Vaccines    Acquired Immunodeficiency Syndrome  
Antibody Response    Biological Assay    COVID-19    Contracts    Development  
Ensure    Epidemic    HIV    HIV/SIV vaccine    Immune response    Immunize  
Immunologic Tests    Immunologics    Immunology    Infection prevention  
Laboratories    Lead    Mission    Modeling  
National Institute of Allergy and Infectious Disease    Prevention strategy  
Research Personnel    Research Support    Site    Standardization    Testing  
United States National Institutes of Health    Vaccine Research    Vaccines    Virus  
Virus Replication    immunogenicity    nonhuman primate    pre-clinical

### Details

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No Sub Projects information available for 272201800004C-P00003-9999-2

### Publications

No Publications available for 272201800004C-P00003-9999-2

### Patents

No Patents information available for 272201800004C-P00003-9999-2

### Outcomes

The Project Outcomes shown here are displayed verbatim as submitted by the Principal Investigator (PI) for this award. Any opinions, findings, and conclusions or recommendations expressed are those of the PI and do not necessarily reflect the views of the National Institutes of Health. NIH has not endorsed the content below.

No Outcomes available for 272201800004C-P00003-9999-2

### Clinical Studies

No Clinical Studies information available for 272201800004C-P00003-9999-2

### News and More

#### Related News Releases

No news release information available for 272201800004C-P00003-9999-2

### History

No Historical information available for 272201800004C-P00003-9999-2

### Similar Projects

No Similar Projects information available for 272201800004C-P00003-9999-2

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