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Biodefense and Emerging Infectious Disease Vaccine Studies

Project Number**1ZIAAI005047-17****Contact PI/Project Leader****LEDGERWOOD, JULIE****Awardee Organization****NATIONAL INSTITUTE OF
ALLERGY AND
INFECTIOUS DISEASES**

Description

Abstract Text

Evaluation of the investigational vaccines and monoclonal antibody products in this project are part of the VRC mission related to biodefense and **emerging** pathogens. Targets include influenza, Ebola, malaria, and others. Further evaluation of vaccine approaches will continue as the VRC develops additional candidate vaccine regimens and antibody products. Published results from clinical trials have included: VRC 204: Ebola DNA vaccine study: Clin Vaccine Immunol. 2006. 13(11):1267-77 VRC 302: West Nile virus DNA vaccine study: J Infect Dis. 2007. 196(12):1732-40 VRC 301: SARS DNA vaccine study vaccine study. 2008 Nov 25;26(50):6338-43 VRC 303: Second generation West Nile virus DNA vaccine study: J Infect Dis. 2011, May 15;203(10) VRC 205: Second generation Ebola rAd5 vaccine study: Vaccine. 2010 Oct 27 VRC 306: H5N1 gene based prime, inactivated boost vaccine study: Lancet Infect Dis. 2011 Dec;11(12):916-24 VRC 304 and VRC 305: H5 DNA vaccine study and H5 route study: Clin Vaccine Immunol. 2012 Nov; 19(11):1792-7 VRC 310: Follow on H5N1 prime, inactivated boost interval examination study: J Infect Dis. 2013 Aug 1; 208(3):413-7, J Infect Dis. 2013 Aug 1; 208(3):418-22 VRC 312: Dose-escalation with experimental challenge to evaluate intravenous administration of PfSPZ vaccine trial: Science. 2013 Sep 20;341(6152):1359-65 VRC 311: VLP vaccine for Chikungunya virus: Lancet. 2014 Aug 14 VRC 206: Ebola and Marburg vaccine study: J Infect Dis. 2015 Feb 15;211(4):549-57 VRC 207: cAd3-EBO Ebola vaccine study: N Engl J Med. 2014 Nov 26 RV 247: Ebola and Marburg vaccine study in Uganda: Lancet. 2015 Apr 18;385(9977):1545-54 VRC 308: Pandemic H1 DNA vaccine study: PLoS One. 2015 Apr 17;10(4):e0123969 VRC 307 and VRC 309: Seasonal influenza HA DNA followed by TIV boost vaccine study: Contemp Clin Trials. 2015 Aug 11 VRC 314: Experimental controlled human malaria infections to evaluate safety and durability following intravenous and intramuscular administration of PfSPZ vaccine in malaria-naive adults: Nat Med. 2016 Jun;22(6):614-23 VRC 315: Avian influenza H7 DNA and H7N9 MIV vaccine study: NPJ Vaccines. 2017 Jun 1;2:15 VRC 319 and VRC 320: Zika virus DNA vaccine studies: Lancet. 2018 Feb 10;391(10120):552-562 VRC 317: RSV vaccine study: Science. 2019 Aug 2;365(6452):505-509.

Public Health Relevance Statement

Data not available.

NIH Spending Category**Biodefense Biotechnology Clinical Research****Clinical Trials and Supportive Activities Emerging Infectious Diseases****Health Disparities Immunization Infectious Diseases Influenza Malaria****Malaria Vaccine Minority Health Orphan Drug Pneumonia & Influenza****Prevention Rare Diseases Vaccine Related Vector-Borne Diseases**

Thank you for your feedback!

Project Terms

Adult Affect Alphavirus Antibodies Avian Influenza Chikungunya virus
 Clinical Trials DNA DNA Vaccines Dose Ebola Vaccines Ebola virus
 Emerging Communicable Diseases Evaluation Ferritin Filovirus
 Frankfurt-Marburg Syndrome Virus Generations Genes Human Infection
 Influenza Influenza A Virus, H5N1 Subtype Influenza A Virus, H7N9 Subtype
 Influenza Hemagglutinin Intramuscular Intravenous Investigation Malaria
 Malaria Vaccines Measures Mission Monoclonal Antibodies
 Plasmodium falciparum vaccine Population Preventive Protein Subunits

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🔍 Details

Contact PI/ Project Leader	Other PIs	Program Official
Leader	Not Applicable	Name
Name		Contact
LEDGERWOOD, JULIE ↗		Email not available
Title		
Contact		
Email not available		

Organization

Name	Department Type	State Code
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	Unavailable	Congressional District
City	Organization Type	
Country	Unavailable	

Other Information

FOA	Administering Institutes or Centers	Project Start Date
Study Section	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	Project End Date
Fiscal Year 2019	Award Notice Date	DUNS Number CFDA Code
		Budget Start Date
		Budget End Date

Project Funding Information for 2019

Total Funding \$4,962,764	Direct Costs \$0	Indirect Costs \$0
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Year	Funding IC	
2019	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$4,962,764

NIH Categorical Spending

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Funding IC

NIH Spending

Thank you for your feedback!

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$3,722,073	Health Disparities; Minority Health;
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$4,714,626	Biodefense
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$4,962,764	Biotechnology; Clinical Research; Clinical Trials and Supportive Activities; Emerging Infectious Diseases; Immunization; Infectious Diseases; Influenza; Malaria; Malaria Vaccine; Orphan Drug; Pneumonia & Influenza; Prevention; Rare Diseases; Vaccine Related; Vector-Borne Diseases;

Sub Projects

No Sub Projects information available for 1ZIAAI005047-17

Publications

No Publications available for 1ZIAAI005047-17

Patents

No Patents information available for 1ZIAAI005047-17

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 1ZIAAI005047-17

Clinical Studies

Thank you for your feedback!

No Clinical Studies information available for 1ZIAAI005047-17

News and More

Related News Releases

No news release information available for 1ZIAAI005047-17

History

No Historical information available for 1ZIAAI005047-17

Similar Projects

No Similar Projects information available for 1ZIAAI005047-17

Thank you for your feedback!