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International Research in Congo

Project Number
1ZIAAI001190-06

Contact PI/Project Leader
MUNSTER, VINCENT

Awardee Organization
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Description

Abstract Text

We have set-up long-term surveillance sites of African bat species in the Republic of the Congo. In addition, we have developed and implemented serological and molecular pathogen detection assays both at the US based laboratory as the National Public Health Laboratory (NPHL) in Brazzaville. Staff at the NPHL received training and equipment to implement these tools. These tools were successfully utilized in the identification of the causative agent of a non-malarial outbreak of febrile illness. The outbreak was caused by chikungunya virus and the vectors of the arbovirus were successfully identified as the Aedes albopictus and the Aedes aegypti.

Public Health Relevance Statement

Data not available.

NIH Spending Category

Biodefense Emerging Infectious Diseases Infectious Diseases Vector-Borne Diseases

Project Terms

Aedes African Animals Arboviruses Arenavirus Biological Assay Birds Bunyaviridae Chikungunya virus Chiroptera Communities Complement Congo Coronavirus Data Detection Disease Outbreaks Disease Surveillance Ecology Equipment Fever Filovirus Genetic Goals Henipavirus International Laboratories Link Molecular Orthopoxvirus Pathogen detection Prevalence Public Health Research Risk Rodent Sampling Serological Site Training Virus Work Zoonoses base interest pathogen pathogenic virus spatial temporal variation tool transmission process vector virology

Details

Contact PI/ Project Leader

Name
MUNSTER, VINCENT

Title

Contact
Email not available

Other PIs

Not Applicable

Program Official

Name

Contact
Email not available

Thank you for your feedback!

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Project Number
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Contact PI/Project Leader
MUNSTER, VINCENT

Awardee Organization
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Country

Other Information

FOA

Study Section

Fiscal Year
2019

Award Notice Date

Administering Institutes or Centers
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

DUNS Number

CFDA Code

Project Start Date

Project End Date

Budget Start Date

Budget End Date

Project Funding Information for 2019

Total Funding
$275,846

Direct Costs
$0

Indirect Costs
$0

Year	Funding IC	
2019	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	$275,846

NIH Categorical Spending

Click here for more information on NIH Categorical Spending

Funding IC	FY Total Cost by IC	NIH Spending Category
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	$275,846	Biodefense; Emerging Infectious Diseases; Infectious Diseases; Vector-Borne Diseases;

Sub Projects

No Sub Projects information available for 1ZIAAI001190-06

Publications

Export

Journal (Link to PubMed abstract)	Authors	Publication Year	Simila Publi
Middle East Respiratory Syndrome-Coronavirus Seropositive Bactrian Camels, Mongolia.			

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NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

	Vincent J; Richt, Juergen A		

Limited Genetic Diversity Detected in Middle East Respiratory Syndrome-Related Coronavirus Variants Circulating in Dromedary Camels in Jordan.

Viruses 2021 03 31; 13 (4)	Seifert, Stephanie N:	2021

View All

Updated and Validated Pan-Coronavirus PCR Assay to Detect All Coronavirus Genera.

Viruses 2021 04 01; 13 (4)	Holbrook, Myndi G; Anthony, Simon J; Navarrete-Macias, Isamara; Bestebroer, Theo; Munster, Vincent J; van Doremalen, Neeltje	2021

Development and validation of portable, field-deployable Ebola virus point-of-encounter diagnostic assay for wildlife surveillance.

One health outlook 2021 May 24; 3 (1) 9	Figueroa, Dania M: Kuisma.	2021

Patents

No Patents information available for 1ZIAAI001190-06

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 1ZIAAI001190-06

Clinical Studies

No Clinical Studies information available for 1ZIAAI001190-06

News and More

Related News Releases

No news release information available for 1ZIAAI001

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International Research in Congo

Project Number
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Contact PI/Project Leader
MUNSTER, VINCENT

Awardee Organization
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Similar Projects

No Similar Projects information available for 1ZIAAI001190-06

Thank you for your feedback!