






[Back to Search Results](#)


- Description
- 


[Details](#)
- 


[Sub-Projects](#)
- 


[Publications](#)
- 

[Patents](#)
- 

[Outcomes](#)
- 

[Clinical Studies](#)
- 

[News and More](#)
- 

[History](#)
- 

[Similar Projects](#)

Functional Cures and the Eradication of HIV

Project Number  
1R13AI143392-01

Contact PI/Project Leader  
JARVIS, THALE CROSS

Awardee Organization  
KEYSTONE SYMPOSIA

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Description

Abstract Text

ABSTRACT Support is requested for a Keystone Symposia conference entitled Functional Cures and the Eradication of HIV, organized by Drs. Lynn Morris, Melanie M. Ott and Kevin V. Morris. The conference will be held in Whistler, Alberta from March 24-28, 2019. Human Immunodeficiency Virus type 1 (HIV) causes a persistent infection and results in acquired immunodeficiency syndrome (AIDS). AIDS has remained a global **pandemic** for over 40 years as HIV integrates into the genome of infected individuals and remains latent for years. While over the last decade much emphasis has been centered on pathogenesis and vaccine development, an emerging paradigm is taking place whereby targeted therapeutics are being developed to both control virus expression as well as possibly target viral infected cells for eradication. This conference will for the first time bring together an interdisciplinary group of basic and applied scientists working on various aspects of HIV treatment and eradication strategies in an effort to translate our current understanding of HIV biology into a meaningful therapeutic and/or eradication of HIV from infected individuals. To accomplish this goal the conference will aim to: (1) introduce the state of the art in vaccine and neutralizing antibody strategies used to combat HIV; (2) focus on transcriptional control and modulation of viral latency; and (3) highlight synthetic biological approaches and genetic therapies currently being developed and clinically validated to combat HIV infection. The goal of this conference is to bring together an interdisciplinary mix of basic and applied scientists working on functional cures and eradication of HIV in an effort to not only better understand HIV treatment strategies but also the emerging technologies and approaches that will lead to the eventual eradication of HIV infection from infected individuals.

Public Health Relevance Statement

PROJECT NARRATIVE AIDS has continued as a global pandemic for over 40 years as HIV integrates into the genome of infected individuals and remains latent for years. This conference will occur at a time when the HIV field has transitioned from investigation to a field in which therapeutic agents, innovative vaccine strategies and repurposing of latency reactivation agents are entering clinical trials. By bringing together researchers with a spectrum of perspectives on these issues we hope to make a significant contribution to advancing the field and the potential to achieve a functional cure and eventual eradication of HIV from humans.

NIH Spending Category

Biotechnology

HIV/AIDS

Immunization

Infectious Diseases

Vaccine Related

Project Terms

Acquired Immunodeficiency Syndrome

Address

Alberta province

Area

Automobile Driving

Biological

Biology

Bone Marrow

Cells

Clinical

Clinical Trials

Development

Educational workshop

Emerging Technologies

Excision

Future

Genome

Goals

HIV

HIV Infections

HIV-1

Human

Individual

Investigation

Lead

Learning

Outcome

Pathogenesis

Research

Research Personnel

Resistance

Scientist

Technology

Therapeutic

Therapeutic Agents

Time

Transcriptional Regulation

Translating

Vaccines

Viral

Virus

Virus Latency

Work

bone engineering

chimeric antigen receptor T cells

chronic infection

combat

gene therapy

innovation

meetings

neutralizing antibody

pandemic disease

posters

reactivation from latency


symposium

targeted treatment

treatment strategy

Details

Contact PI/ Project Leader

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[Back to Search Results](#)

Description

 [Details](#)

 [Sub-Projects](#)

 [Publications](#)

 [Patents](#)

 [Outcomes](#)

 [Clinical Studies](#)

 [News and More](#)

 [History](#)

 [Similar Projects](#)

## Functional Cures and the Eradication of HIV

**Project Number**  
**1R13AI143392-01**

**Contact PI/Project Leader**  
**JARVIS, THALE CROSS**

**Awardee Organization**  
**KEYSTONE SYMPOSIA**

**Country**  
**UNITED STATES (US)**

### Other Information

**FOA**  
**[PA-18-648](#)**

**Study Section**  
**[Special Emphasis Panel\[ZAI1 TS-D \(\\$2\)\]](#)**

**Fiscal Year**  
**2019**

**Award Notice Date**  
**13-November-2018**

**Administering Institutes or Centers**  
**NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES**

**DUNS Number**  
**079780750**

**CFDA Code**  
**855**

**Project Start Date**  
**15-November-2018**

**Project End Date**  
**31-October-2019**

**Budget Start Date**  
**15-November-2018**

**Budget End Date**  
**31-October-2019**

### Project Funding Information for 2019

**Total Funding**  
**\$16,200**

**Direct Costs**  
**\$16,200**

**Indirect Costs**  
**\$0**

Year	Funding IC	FY Total Cost by IC
2019	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES	\$16,200

### 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	\$16,200	Biotechnology; HIV/AIDS; Immunization; Infectious Diseases; Vaccine Related;

### Sub Projects

No Sub Projects information available for 1R13AI143392-01

### Publications

No Publications available for 1R13AI143392-01

### Patents

No Patents information available for 1R13AI143392-01

### 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 1R13AI143392-01

### Clinical Studies

Thank you for your feedback!



[Back to Search Results](#)

 [Description](#)

 [Details](#)

 [Sub-Projects](#)

 [Publications](#)

 [Patents](#)

 [Outcomes](#)

 [Clinical Studies](#)

 [News and More](#)

 [History](#)

 [Similar Projects](#)

## Functional Cures and the Eradication of HIV

**Project Number**  
1R13AI143392-01

**Contact PI/Project Leader**  
JARVIS, THALE CROSS

**Awardee Organization**  
KEYSTONE SYMPOSIA

### Related News Releases

No news release information available for 1R13AI143392-01

### History

No Historical information available for 1R13AI143392-01

### Similar Projects

No Similar Projects information available for 1R13AI143392-01