

Concept Clearance: Reissue - PAR-19-267

HIV/AIDS Scholars Using Nonhuman Primate (NHP) Models Program (K01)

Objective: To provide salary, mentorship, and research support to early stage investigators in the field of HIV/AIDS translational studies and enable them to translate promising preclinical research from NHPs to human clinical trials.

Funds Available and Anticipated Number of Awards: Contingent upon NIH appropriations and the submission of meritorious applications

Award Project Period: 3 years

Council Action: Vote for continued support of the “HIV/AIDS Scholars Using NHP Models K01 Program”

Background

HIV/AIDS Scholars Using NHP Models Program (K01)

- First issued in 2016 as PAR-16-347 – initial focus on translational HIV/AIDS vaccine research using NHP models
- NOT-OD-17-116: Broadened PAR to include all preclinical high priority AIDS research involving NHP models
- Reissued as PAR-19-267 (expired October 2019)
- Developed and supported jointly with the Office of AIDS Research

Inspired by successful NIAID model of mentored training in AIDS vaccine research

- Adamson et al. A New Model for Catalyzing Translational Science: The Early Stage Investigator Mentored Research Scholar Program in HIV Vaccines. Clin Trans Sci 8:166-168 (2012)
- Inadequate supply of researchers trained in the preclinical use of NHPs for HIV/AIDS vaccines
- Targets early stage investigators
- Salary support + adequate funds to support research

Purpose

- **3-year award**
- **Two required mentors**
 - Expert in NHP models
 - Expert in clinical translational research
- **Salary + Research Support**
 - Up to \$75,000 salary and \$100,000 research support per year
- **Eligibility**
 - Doctoral degree
 - >3 years postdoctoral training or equivalent
 - Within 10 years of terminal degree
 - Affiliation with NHP facility and skilled staff

Progress and Impacts

- **Young program initiated in 2016 (3 years of activity)**
 - First cohort completed program in late 2019
 - FY16 to FY18: 21 applications from 19 applicants, 9 awards
- **Among first 9 awardees**
 - 5 awardees competed successfully for independent funding
 - Collectively 3 R21 (NIAID), 2 R01 (NIAID), 1 RF1 (NIA) and 1 R03 (NIAID)
 - 3 awardees have pending grant applications under review
 - 1 R21 (NIAID)
 - 2 R01 (NIAID, NICHD)
 - 27 peer-reviewed publications between FY16 and FY18 (e.g., PNAS, PLOS ONE), 12 as first or last author
 - Permanent research positions: all of first cohort, one of second cohort

Concept Clearance

*Continue support for HIV/AIDS
Scholars Using NHP Models
Program (K01)*