



# NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support

18 May 2020 (#25)

[Click on blue [hyperlink](#) for further information]

The NIH funding opportunities listed below are only a **selection** of pre-screened, currently open health funding opportunities for which **South African institutions are eligible to apply**. For a comprehensive selection of NIH funding opportunities, please visit [www.grants.nih.gov](http://www.grants.nih.gov) or [www.sun.ac.za/RDSfunding](http://www.sun.ac.za/RDSfunding) (current & archive).

**Confirm your intent to apply ASAP, but not later than 60 days before the submission date.**

**Tygerberg Campus: [cdevries@sun.ac.za](mailto:cdevries@sun.ac.za) • Stellenbosch Campus [lizek@sun.ac.za](mailto:lizek@sun.ac.za)**

## Important Notice

- **[NOT-RM-20-010](#) Notice of Intent to Publish a Funding Opportunity Announcement for Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa) Research Hubs (U54 – Clinical Trial Optional)** The purpose of this Notice is to inform the research community that the NIH Common Fund, along with its partner NIH Institutes, Centers and Offices, is planning to issue a funding opportunity announcement (FOA) to support Research Hubs for a new program entitled Harnessing Data Science for Health Discovery and Innovation in Africa ([DS-I Africa](#)). NIH is launching the DS-I Africa program to explore how advances in data science applied in the African context can spur new health discoveries and catalyze innovation. This program will leverage existing data and technologies to develop solutions to the continent's most pressing clinical and public health problems through a robust ecosystem of new partners from academic, government, and private sectors. Expected Number of Awards: 5. Estimated Award Ceiling \$1,300,000 total costs per year for five years. The DS-I Africa Research Hubs will be a key component of the larger DS-I Africa program, which will also include companion FOAs supporting 1) data science research training [NOT-RM-20-011](#) (4 awards of \$350,000 total costs per year for five years), 2) research on ethical, legal, and social implications (ELSI) issues central to data science health research and innovation in Africa [NOT-RM-20-012](#) (4 awards of \$400,000 total costs per year for five years), and 3) development of an open data science platform and coordinating center [NOT-RM-20-013](#) (1 Award of \$2,250,000 total costs per year for five years). Estimated Publication Date of Funding Opportunity Announcement: 10 July 2020. First Estimated Application Due Date: 24 November 2020.

### 1. HIV Infection of the Central Nervous System (R01 Clinical Trial Not Allowed)

**Letter of Intent:** 30 days prior to the application due date

**Hyperlink:** [PA-20-149](#)

**Type:** R01

**Application Due Date:** [Standard AIDS dates](#) Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** The goals of this Funding Opportunity Announcement (FOA) are to stimulate further research on delineating the pathophysiology of HIV-1 associated CNS disease in the setting of chronic viral suppression and ART. In addition, FOA also encourages research studies to aid in the identification/ validation of biomarkers and pre-clinical targets with quantifiable readouts in domestic and international settings. Multidisciplinary research teams and collaborative alliances are encouraged but not required.

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum project period is 5 years. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 8 weeks before submitting the application.

### 2. Eradication of HIV-1 from Central Nervous system Reservoirs (R01 Clinical Trial Not Allowed)

**Letter of Intent:** 30 days prior to the application due date

**Hyperlink:** [PA-20-151](#)

**Type:** R01

**Application Due Date:** [Standard dates](#) & [Standard AIDS dates](#) Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** This Funding Opportunity Announcement (FOA) invites research grant applications studying mechanisms of HIV-1 persistence and eradication strategies specifically focused on the central nervous system (CNS) in the context of viral suppression. Basic and translational research in domestic and international settings are of interest. Multidisciplinary research teams and collaborative alliances are encouraged but not required. Applications focused on HIV-associated CNS comorbidities and treatment should apply to the companion FOA [PA-20-149](#).

**Budget:** Application budgets are not limited but need to reflect the actual needs of the proposed project. The scope of the proposed project should determine the project period. The maximum project period is 5 years. Applicants requesting \$500,000 or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/ Research Contact at least 8 weeks before submitting the application.

### 3. Metastasis Research Network (U54 Clinical Trial Not Allowed)

**Letter of Intent:** 30 days prior to the application due date

**Hyperlink:** [RFA-CA-20-029](#)

**Type:** U54

**Application Due Date:** 28 September 2020; 28 May 2021. Apply by 5:00 PM local time of applicant organization.

**Funding Opportunity Announcement:** The purpose of this Funding Opportunity Announcement (FOA) is to develop a comprehensive and cohesive understanding of cancer metastasis. Towards this goal, the National Cancer Institute (NCI) will support several U54 Specialized Centers that together will form the Metastasis Research Network (MetNet). Each MetNet Center should propose an overarching scientific theme that will be pursued through two or three scientific inter- and multi-disciplinary basic research projects. The projects should use integrative approaches to elucidate and integrate a mechanistic understanding of the non-linear, dynamic, and emergent processes in metastasis. Overarching themes should encompass the interplay between at least two central elements in the metastatic process such as early dissemination, cellular and/or physical microenvironment crosstalk, dormancy, or mechanisms of responses by metastatic cells to therapies. Research proposed by MetNet Centers is expected to advance our understanding towards a more comprehensive appreciation of metastasis as a whole body, systems-level problem.

**Budget:** The NCI intends to commit up to \$7.5M each fiscal year beginning in FY 2021 to fund approximately 5 U54 awards. Application budgets may not exceed \$1.2M per year in direct costs. A project period of 5 years is required.

Research Development and Support Division (RDSD),  
Faculty of Medicine and Health Sciences, Stellenbosch University  
5<sup>th</sup> Floor, Teaching Block, Tygerberg Campus.  
Enquiries: *Christa*  
e: [cdevries@sun.ac.za](mailto:cdevries@sun.ac.za) | t: +27 21 938 9838

Afdeling Navorsingsontwikkeling/Division for Research Development (DRD)  
Stellenbosch University  
2038 Wilcocks Building, Ryneveld Street  
Enquiries: *Lizél*  
e: [lizelk@sun.ac.za](mailto:lizelk@sun.ac.za) | t: +27 21 808 2105