



NIH funding opportunities



Faculty of Medicine and Health Sciences: Research Development and Support

28 Feb 2017 (#9)

[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.

Please be advised that you **must contact the Research Grants Management Office (RGMO) Pre-Awards** (Dr Christa de Vries cdevries@sun.ac.za) **as soon as possible to inform of your intent to apply and then confirm at least 30 days before the submission date**. The NIH grant is submitted institutionally. **All final application documents MUST reach the RGMO seven (7) workdays before NIH application due date. The application will be submitted two (2) days before the application due date.**

Important notices

- Request for Information on Processes for dbGaP Data Submission, Access, and Management ([NOT-OD-17-044](#))
- The Agency for Healthcare Research and Quality (AHRQ) Multiple Program Director/Principal Investigator Policy applied to Healthcare-Associated Infection (HAI) Prevention and Combating Antibiotic-Resistant Bacteria (CARB) FOAs ([NOT-HS-17-008](#))

1. HIV pathogenesis and the oral microbiota

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

Hyperlink: ([RFA-DE-18-007](#))

Type: R01

Application Due Date: November 24, 2017, by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) encourages hypothesis driven basic and translational sciences that will enhance our understanding of the role of microbiota in changing the immune response to HIV pathogenesis in the oral cavity.

Budget: NIDCR intends to commit \$2 million in FY 2018 to fund 3-4 awards. 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 period is 5 years.

2. Interaction of HIV and Neurodevelopment of Children in Resource-Limited Settings: Improving Assessments

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

Hyperlink: ([RFA-HD-18-019](#))
([RFA-HD-18-020](#))

Type: R01
R21

Application Due Date: June 29, 2017, by 5:00 PM local time of applicant organization.

This Funding Opportunity Announcement (FOA) The purpose of this funding opportunity is to invite applications on research focused on the development and/or improvement of tools and/or materials for the neurodevelopmental assessment of cognitive functioning of children, and their implementation in resource-limited settings with high rates of HIV.

Budget: R01: NIH intends to fund an estimate of 4-6 awards for this FOA and the companion FOA, corresponding to a total of \$1,000,000, for fiscal year 2018. Future year amounts will depend on annual appropriations. 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.

R21: NIH intends to fund an estimate of 4-6 awards for this FOA and the companion FOA, corresponding to a total of \$1,000,000, for fiscal year 2018. Future year amounts will depend on annual appropriations. The combined budget for direct costs for the two year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year. The scope of the proposed project should determine the project period. The maximum project period is 2 years.

3. Biomarkers: Bridging Pediatric and Adult Therapeutics

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

Hyperlink: ([PAR-17-169](#))

Type: R21

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

This Funding Opportunity Announcement (FOA) This Funding Opportunity Announcement (FOA) encourages grant applications that propose adapting adult biomarkers to children. This would include the application and validation of biomarkers developed in adults to pediatric diagnosis, prognosis, and estimation of disease progression, toxicity and response to therapy. Projects supported by this FOA will include those biomarkers that correlate with a clinical observation, have been extensively studied in adults, and for which there is solid evidence that they have pediatric applications. Discovery of new biomarkers for use in new drug development or in preclinical studies is also part of this FOA.

Budget: The combined budget for direct costs for the two-year project period may not exceed \$275,000. No more than \$200,000 may be requested in any single year. The scope of the proposed project should determine the project period. The maximum project period is two years.

4. Cancer Tissue Engineering Collaborative: Enabling Biomimetic Tissue-Engineered Technologies for Cancer Research

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

Hyperlink: [\(PAR-17-171\)](#)

Type: R01

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

This Funding Opportunity Announcement (FOA) will support the development and characterization of state-of-the-art biomimetic tissue-engineered technologies for cancer research. Collaborative, multidisciplinary projects that engage the fields of regenerative medicine, tissue engineering, biomaterials, and bioengineering with cancer biology will be essential for generating novel experimental models that mimic cancer pathophysiology. The projects supported by this FOA will establish and collectively participate in the Cancer Tissue Engineering Collaborative (TEC) Research Program. The Cancer TEC Program will (1) catalyze the advancement of innovative, well characterized in vitro and ex vivo systems available for cancer research, (2) expand the breadth of these systems to several cancer types, and (3) promote the exploration of cancer phenomena with biomimetic tissue-engineered systems.

Budget: Budgets are limited to \$400,000 Direct Costs per year. Application budgets should reflect the actual needs of the proposed project. The maximum project period is 5 years. The scope of the proposed project should determine the project period.

Brief definitions of some NIH grant mechanisms: [comprehensive list of extramural grant and cooperative agreement activity codes](#)

D71 - International Research Training Planning Grant: To plan for the preparation of an application for a D43 international research training grant or for a U2R international research training cooperative agreement.

D43 - International Research Training Grants: To support research training programs for US and foreign professionals and students to strengthen global health research and international research collaboration.

R01 - NIH Research Project Grant Program: most common NIH program; to support a discrete, specified, circumscribed research project; generally 3-5 years; budget may be specified, but generally <\$500,000 p.a. (direct costs).

R21 - NIH Exploratory/Developmental Research Grant: encourages new, exploratory and developmental research projects (could be used for pilot or feasibility studies); up to 2 years; budget total generally <\$275,000 (direct costs).

R03 - NIH Small Grant Program: limited funding for short period to support e.g. pilot / feasibility study, collection of preliminary data, secondary analysis of existing data, small-contained research projects, development of new research technology, etc.; normally for "new investigators"; not renewable; up to 2 years; budget generally <\$50,000 (direct costs).

R21/R33 - Phased Innovation: The R33 award is to provide a second phase for the support for innovative exploratory and development research activities initiated under the R21 mechanism. Although only R21 awardees are generally eligible to apply for R33 support, specific program initiatives may establish eligibility criteria under which applications could be accepted from applicants demonstrating progress equivalent to that expected under R33.

R25 - NIH Education Projects: used in a wide variety of ways to promote an appreciation for and interest in biomedical research, provide additional training in specific areas, and/or to develop ways to disseminate scientific discovery into public health and community applications.

R34 - Clinical Trial Planning Grant Program: To provide support for the initial development of a clinical trial, including the establishment of the research team; the development of tools for data management and oversight of the research; the development of a trial design and other essential elements of the study, such as the protocol, recruitment strategies, and procedure manuals; and to collect feasibility data.

R35 - Outstanding Investigator Award: To provide long term support to an experienced investigator with an outstanding record of research productivity. This support is intended to encourage investigators to embark on long-term projects of unusual potential.

U01 - NIH Research Project Cooperative Agreement: supports discrete, specified, circumscribed projects to be performed by investigator(s) in an area representing their specific interests and competencies; many types of cooperative agreements, e.g. Clinical Trials Centers; generally no budget upper limit but may be specified.

U24 - Resource-Related Research Projects - Cooperative Agreements: To support research projects contributing to improvement of the capability of resources to serve biomedical research.

U01 - NIH Research Project Cooperative Agreement: supports discrete, specified, circumscribed projects to be performed by investigator(s) in an area representing their specific interests and competencies; many types of cooperative agreements, e.g. Clinical Trials Centers; generally no budget upper limit but may be specified.

U19 - Research Program-Cooperative Agreements: supports a research program of multiple projects directed toward a specific major objective, basic theme or program goal, requiring a broadly based, multidisciplinary and often long-term approach. A cooperative agreement research program generally involves the organized efforts of large groups, members of which are conducting research projects designed to elucidate the various aspects of a specific objective.

Glossary of selected acronyms:

FOA	Funding Opportunity Announcement
PA	Program Announcements (<i>click on "PA" to search for further funding opportunities</i>)
RFA	Request for Applications (<i>click on "RFA" to search for further funding opportunities</i>)

Complete [Glossary and acronym list of NIH Terms](#)

