



UROBIOME RESEARCH INTEREST GROUP

Connecting urobiome-interested investigators and trainees to advance urobiome science



POTENTIAL RFAs FOR UROBIOME RIG INVESTIGATORS

1. [High Impact, Interdisciplinary Science in NIDDK Research Areas](#); sponsor: **NIDDK**. (RC2 Clinical Trial Optional). PAR-25-277. This program supports high impact research that may lay the foundation for new fields of investigation. This NOFO encourages an interdisciplinary approach to generate a research resource and/or foster discovery-based or hypothesis-generating science that can have a broad significant impact and seeks novel approaches in areas that address specific knowledge gaps, scientific opportunities, new technologies, data generation, or research methods that will accelerate scientific progress in the understanding, treatment and prevention of diseases within the mission of the NIDDK. Awards are for 5-yr, with chance for renewals. Standard NIH due dates for LOIs and applications apply. **[Expires 10/16/2027]**.
2. [Resource-Related Research Projects for Development of Models and Related Materials for Studying Human Health and Diseases](#); sponsor: **National Institutes of Health, Office of Research Infrastructure Programs**. (R24 Clinical Trials Not Allowed). RFA-OD-25-010. This RFA seeks grant applications aimed at developing, characterizing, or improving research models of human health and diseases; developing biology based new approach methodologies (NAMs) applicable to human health and diseases; or improving access to information about or generated from the use of models of human disease. Developed models and related biological materials must be broadly applicable to the scientific interests of at least two NIH Institutes or Centers (ICs) and must evaluate diseases and processes that impact multiple organ systems in alignment with the ORIP's NIH-wide mission and programs. Applications must describe the need for and the potential impact of the proposed resources on the research community across a range of scientific disciplines supported by multiple NIH ICs. Awards are for 4-yr, with chance for renewals. Standard NIH due dates for LOIs and applications apply. **[Expires 09/29/2028]**.
3. [Mathers Grant Awards Program](#); sponsor: **The G. Harold and Leila Y. Mathers Foundation**. Supports independent investigators at all levels of professorship employed at U.S.-based, tax-exempt 501(c)(3) independent and educational institutions that carry out collaborative research projects with other U.S.-based organizations. Research areas of interest include microbiome, structural biology, cellular physiology, immunology, microbiology & infectious diseases, and others. 3-yr awards must not exceed \$700,000, including 10% indirect costs. Must register for application portal and receive institutional nomination ≥ 2 weeks prior to due date. See website for institute-nominated Letter of Inquiry (LOI) application requirements. See below for full grant timeline – **upcoming registration/nomination deadlines: 1/30/2026 (Spring 2026 cycle), 7/17/2026 (Fall 2026 cycle)**.

Cycle	Institutional Nominations and Portal Registration	LOI Application	Invited Formal Proposals
Spring 2026	Jan 30th, 2026 8pm EST	Feb 13th, 2026 8pm EST	Apr 24th, 2026 8pm EST
Fall 2026	July 17th, 2026 8pm EST	July 31st, 2026 8pm EST	Sept 18th, 2026 8pm EST

4. [Division of Molecular and Cellular Biosciences \(MCB\) Core Programs](#); sponsor: **NSF**. (NSF 24-539). The program gives high priority to projects that advance mechanistic understanding of the structure, function, and evolution of

molecular, sub-cellular, and cellular systems, especially research that aims at quantitative and predictive knowledge of complex behavior and emergent properties. MCB also encourages interdisciplinary research that draws on knowledge from and interfaces with other biological sub-disciplines or other disciplines. This solicitation calls for proposals in research areas supported by the 4 MCB core clusters: (i) structure, dynamics, and function of biomolecules and supra-molecular assemblies, especially under physiological conditions ([Molecular Biophysics](#)); (ii) organization, processing, expression, regulation, and evolution of genetic and epigenetic information ([Genetic Mechanisms](#)); (iii) cellular structure, properties, and function across broad spatiotemporal scales ([Cellular Dynamics and Function](#)); and (iv) systems and/or synthetic biology to study complex interactions through modeling or manipulation or design of living systems at the molecular-to-cellular scale ([Systems and Synthetic Biology](#)). Open to all career stages, typical awards last 3-5 yrs, budgets not limited. **Rolling deadline.**

5. [Infrastructure Innovation for Biological Research \(Innovation\)](#); sponsor: NSF. (NSF 23-578). This program supports research to design novel or greatly improved research tools and methods that advance contemporary biology in any research area supported by the Directorate for Biological Sciences at NSF, focusing on research infrastructure that is broadly applicable to researchers in 3 programmatic areas: (1) Bioinformatics, (2) Instrumentation, and (3) Research Methods. Infrastructure supported by this program is expected to improve scientists' abilities to manipulate, control, analyze, or measure critical aspects of biological systems. Proposals submitted to these programmatic areas can do one of the following: (1) develop novel infrastructure, (2) significantly redesign existing infrastructure, or (3) adapt existing infrastructure in novel ways. Projects are expected to have a significant application to ≥ 1 biological science question and have broader uses beyond a single research team. Open to all career stages, award size and duration varies. **Rolling deadline.**
6. [Edward Mallinckrodt, Jr. Foundation Grants](#). The funds support early-stage biomedical investigators engaged in basic and translational research. Previously funded areas range from biochemistry, genetics, molecular biology, medicine, immunobiology and microbiology, and more. Open to MD and/or PhD tenure track faculty members in their 1st-4th year at American institutions who do not have current R01 or similar funding. \$75k / yr for ≤ 3 yrs, nonrenewable, no indirect costs. Submit 5 page project proposal, 1-2 page lay summary, letters of approval, budget, and biosketch by **July 1**.
7. [Diabetes Research Centers \(P30 Clinical Trial Optional\)](#). Diabetes Research Centers (DRCs) are designed to support and enhance the national research effort in diabetes, its complications, and related endocrine and metabolic diseases. The purpose of this Centers program is to bring together basic and clinical investigators to enhance communication, multidisciplinary collaboration, and effectiveness of ongoing research in DRC topic areas. Shared access to specialized technical resources (research cores) and support for a Pilot and Feasibility Program (P&F) is intended to provide the capability for accomplishments greater than those that would be possible by individual research project grant support alone. [Posted 12/5/2025. Expires 1/28/2027.]
8. [Stephen I. Katz Early Stage Investigator Research Project Grant \(R01 Clinical Trial Not Allowed\)](#). The purpose of the Stephen I. Katz Early Stage Investigator Research Project Grant is to provide a new pathway for Early Stage Investigators (ESIs) who wish to propose research projects in a new direction for which preliminary data do not exist. This notice of funding opportunity (NOFO) is open to a broad range of scientific research relevant to the mission of the participating NIH Institutes and Centers (ICs). Proposed projects must represent a change in research direction for the ESI and should be innovative and unique. A distinct feature for this NOFO is that applications must not include preliminary data. [Posted 8/25/2025. Expires 8/26/2028.]
9. [NIDDK Education Program Grants \(R25 Clinical Trial Not Allowed\)](#). NIDDK Education Program Grants (R25 Clinical Trial Not Allowed) The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. [Posted 12/20/2023. Expires 1/31/2026].
10. [High Impact, Interdisciplinary Science in NIDDK Research Areas \(RC2 Clinical Trial Optional\)](#). Posted on [May 2, 2025](#). High Impact, Interdisciplinary Science in NIDDK Research Areas (RC2 Clinical Trial Optional) The purpose of the High Impact, Interdisciplinary Science grants program is to support high impact ideas that may lay the foundation for new fields of investigation within the mission of NIDDK. The interdisciplinary approach encouraged by this NOFO is

envisioned to generate a research resource and/or foster discovery-based or hypothesis-generating science that can have a significant impact on the broader scientific community. [Posted 12/11/2024. Expires 10/16/2027].

11. **NIH Research Project Grant (Parent R01 Clinical Trial Required)**. Posted on [May 2, 2025](#). NIH Research Project Grant (Parent R01 Clinical Trial Required) The NIH Research Project Grant supports a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s). This Parent Notice of Funding Opportunity requires that at least 1 clinical trial be proposed. The proposed project must be related to the programmatic interests of one or more of the participating NIH Institutes and Centers (ICs) based on their scientific missions. [Posted 12/18/2024. Expires 1/8/2028].