



PC: Sharath Ahuja

Hello campus researchers!

Welcome to another edition of our monthly grants newsletter, **STREAM**. Please keep a look out for the DBT call for mitigating microplastic pollution which may be of interest to the community.

The ORG congratulates Prof Madhavi Latha for being featured in the book series “**She Is: 75 Women in STEAM**” (second edition) which was brought out by the PSA Office, in partnership with Red Dot Foundation, British High Commission, and FICCI FLO to commemorate India’s 75th year of Independence and showcasing women leadership. Hearty congratulations!

Please write to us for any grant-related queries or to share news of funded grants you have received recently.

With best wishes,
ORG Team.

UPCOMING DEADLINES

MAY 2022						
S	M	T	W	T	F	S
<u>1</u>	<u>2</u>	3	4	<u>5</u>	6	<u>7</u>
<u>8</u>	<u>9</u>	<u>10</u>	11	12	<u>13</u>	<u>14</u>
<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	19	<u>20</u>	<u>21</u>
<u>22</u>	<u>23</u>	24	<u>25</u>	<u>26</u>	27	28
29	30	<u>31</u>				

STUDENT FELLOWSHIPS

BBSRC Discovery Fellowships 2022

Overview: Supports independent research within a host laboratory to gain leadership skills.

Submission Deadline: **5 May, 2022.**

Nestle Foundation Student Training grant

Overview: Supports MSc/PhD thesis project or other training endeavors in public health and nutrition.

Submission Deadline: **10 May, 2022.**

EQUIPMENT AND RESOURCES

Wildlife Acoustics Scientific Product Grant

Overview: The grant provides scientists with products and software to support the advancement of animal biology research, habitat monitoring and environmental conservation.

Submission Deadline: **15 May, 2022.**

FELLOWSHIPS_STUDENTS

Raman-Charpak Fellowship 2022

Overview: To facilitate the exchange of Indian & French PhD students and French Masters' students to carry out a part of their research in France and India.

Submission deadline: **15 May, 2022.**



- For queries, write to us at office.org@iisc.ac.in
- For more information, visit <https://org.iisc.ac.in/>
- Follow us [@ORG_IISc](https://twitter.com/ORG_IISc)

RESEARCH GRANTS

[PFAN support for climate change & clean energy](#)

Overview: Supports projects that provide climate change adaptation benefits/use clean energy technologies, products or services that fall within the Private Financing Advisory Network (PFAN) areas of work.

Submission Deadline: **1 May, 2022.**

[DBT- Call for Proposals for Biotechnological Interventions for Mitigating Microplastic Pollution and Development of Alternatives to Single Use Plastic](#)

Overview: Invites proposals in microplastic management, mitigation and alternatives to single-use plastics.

Submission Deadline: **5 May, 2022.**

[The Nestle Foundation Research Grants](#)

Overview: Provides support for pilot, small and large research in public health and nutrition.

Submission Deadline: **10 May, 2022.**

[SERB - Scientific and Useful Profound Research Advancement \(SUPRA\)](#)

Overview: Scheme for proposals consisting of new hypothesis/challenge existing ones and providing ingenious solutions.

Submission Deadline: **10 May, 2022.**

BILATERAL RESEARCH GRANTS

[NIH Partnerships for Rapid Diagnostics and Phenotypic Antibacterial Susceptibility Testing for Bacteremia/ Hospital Acquired Pneumonia](#)

Overview: Support projects for development/ production of medical diagnostics for bacteremia/ hospital acquired pneumonia.

Submission Deadline: **1 May, 2022.**

[NIH BRAIN Initiative: New Concepts and Early - Stage Research for Recording and Modulation in the Nervous System](#)

Overview: Supports research on recording/modulation technologies (invasive and non-invasive) for manipulating neural activities.

Submission Deadline: **2 May, 2022.**

[NIH Dissemination and Implementation Research in Health](#)

Overview: Supports innovative approaches to identify and develop strategies to overcome barriers in evidence-based interventions and policies in health research.

Submission Deadline: **5 May, 2022.**

[NIH Clinical Characterization of Cancer Therapy-induced Adverse Sequelae and Mechanism-based Interventional Strategies](#)

Overview: Support collaborative research projects designed

to address adverse sequelae of cancer therapies that develop as delayed post-treatment effects.

Submission Deadline: **5 May, 2022.**

[NIH Clinical Trial Readiness for Functional Neurological Disorders](#)

Overview: Supports clinical projects that address critical needs for clinical trial readiness in Functional Neurological Disorders (FNDs).

Submission Deadline: **5 May, 2022.**

[Alzheimer's Clinical Trials Consortium \(ACTC\) Clinical Trials](#)

Overview: Develop and implement Phase Ib to III clinical trials of pharmacological and non-pharmacological interventions for Alzheimer's disease (AD) and other age-related dementias.

Submission Deadline: **5 May, 2022.**

[NIH Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development \(ABCD\) Study \(R01-Clinical Trial Not Allowed\)](#)

Overview: Encourage applications proposing the analysis of the public use dataset to increase knowledge of adolescent health and development.

Submission Deadline: **5 May, 2022.**

[NIH Laboratories to Optimize Digital Health \(R01 Clinical Trial Required\)](#)

Overview: Supports development of digital health test beds that leverage digital health infrastructure to optimize existing evidence-based interventions and conduct clinical research testing.

Submission Deadline: **5 May, 2022.**

[NIH AIDS-Science Track Award for Research Transition](#)

Overview: Invites applications from newly independent and early career investigators to support research projects on drug use, use disorder and HIV/AIDS.

Submission Deadline: **7 May, 2022.**

[NIH Integrating Biospecimen Science Approaches into Clinical Assay Development](#)

Overview: Supports extramural research to investigate and mitigate challenges in clinical assay development for evidence-based standardization of biopsy handling practices

Submission Deadline: **7 May, 2022.**

[NIH International Research Ethics Education and Curriculum Development Award](#)

Overview: Supports educational activities for a better understanding of biomedical, behavioral and clinical research ethics.

Submission Deadline: **7 May, 2022.**

[**NIH BRAIN Initiative: Development of Novel Tools to Probe Cell-Specific and Circuit-Specific Processes in Human and Non-Human Primate Brain \(UG3/UH3 Clinical Trial Optional\)**](#)

Overview: Encourages applications that develop and validate novel tools to facilitate detailed analysis and manipulation of complex circuits in large brains.

Submission Deadline: 7 May, 2022.

[**NIH Biomarker Signatures of TB Infection in Young Children with and without HIV**](#)

Overview: Supports research to discover and validate novel biomarkers of Tuberculosis (TB) infection and subsequent progression risk in young children with/without HIV.

Submission Deadline: 8 May, 2022.

[**NIH HEAL Initiative: Team Research for Initial Translational Efforts in Non-addictive Analgesic Therapeutics Development**](#)

Overview: Supports team-based research projects to develop assays, screening and early optimization to develop non-addictive therapeutics.

Submission Deadline: 9 May, 2022.

[**NIH Biosimilar User Fee Act \(BsUFA\) Research Grant \(U01\) Clinical Trials Optional**](#)

Overview: Supports research that enhance interchangeable biological product development and regulatory science.

Submission Deadline: 9 May, 2022.

[**NIH Expert-Driven Small Projects to Strengthen Gabriella Miller Kids First Discovery**](#)

Overview: Engages with experts who can utilize genomic datasets on childhood cancer/ structural birth defects generated by the Kids First program.

Submission Deadline: 10 May, 2022.

[**NIH BRAIN Initiative: Integration and Analysis of BRAIN Initiative Data**](#)

Overview: Supports development of bioinformatics tools for analyzing, and integrating data related to the BRAIN Initiative.

Submission Deadline: 10 May, 2022.

[**NIH In utero Treatments of Congenital Dental and Craniofacial Disorders Using Precision Medicine Approaches \(R01 Clinical Trial Not Allowed\)**](#)

Overview: Invites applications to use precision medicine approaches in animal models for the treatment of congenital dental, craniofacial diseases and conditions.

Submission Deadline: 14 May, 2022.

[**NIH Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management**](#)

Overview: Invites developmental research applications for innovative informatics and algorithms for interpretation of data across cancer research continuum.

Submission Deadline: 14 May, 2022.

[**NIH In utero Treatments of Congenital Dental and Craniofacial Disorders Using Precision Medicine Approaches \(R21 Clinical Trial Not Allowed\)**](#)

Overview: Fosters innovative research to enable precision medicine approaches to treat in-utero congenital dental and craniofacial diseases.

Submission Deadline: 14 May, 2022.

[**NIH Early-Stage Development of Informatics Technologies for Cancer Research and Management \(U01 Clinical Trial Optional\)**](#)

Overview: Supports development of informatics technologies to improve data dissemination and knowledge across the cancer research continuum.

Submission Deadline: 14 May, 2022.

[**NIH Advanced Development of Informatics Technologies for Cancer Research and Management \(U24 Clinical Trial Optional\)**](#)

Overview: Supports advanced development and enhancement of emerging informatics technologies across cancer research continuum.

Submission Deadline: 14 May, 2022.

[**NIH Sustained Support for Informatics Technologies for Cancer Research and Management \(U24 Clinical Trial Optional\)**](#)

Overview: Supports continued development and sustainment of high value informatics research resources across the cancer research continuum.

Submission Deadline: 14 May, 2022.

[**NIH Technology Development for Single-Molecule Protein Sequencing and Single-Cell Proteome Analysis**](#)

Overview: Supports technology development of protein sequencing data for use in biomedical and clinical research.

Submission Deadline: 15 May, 2022.

[**The Information Society Innovation Fund \(ISIF Asia\) Knowledge**](#)

Overview: To develop technical capacity around internet network operations in the Asia Pacific.

Submission Deadline: 15 May, 2022.

[**NIH Innovative Pilot Mental Health Services Research Not Involving Clinical Trials \(R34 Clinical Trial Not Allowed\)**](#)

Overview: Supports innovative pilot research to improve mental health services that may benefit individuals who have or are at risk of developing, a mental illness.

Submission Deadline: 16 May, 2022.

[**NIH Accelerating the Pace of Child Health Research Using Data from \(ABCD\) Study \(R21-Clinical Trial Not Allowed\)**](#)

Overview: Encourage applications for analysis of ABCD dataset to increase knowledge of adolescent health and development.

Submission Deadline: 16 May, 2022.

[**NIH Cancer Prevention, Detection, Diagnosis, and Treatment Technologies for Global Health \(U01 Clinical Trial Optional\)**](#)

Overview: Supports research within the mission and interests of NINDS.

Submission Deadline: 17 May, 2022.

[**NIH Prospective Observational Comparative Effectiveness Research in Clinical Neurosciences**](#)

Overview: Supports research within the mission and interests of NINDS that includes evaluating preventive strategies, diagnostic approaches and rehabilitation therapies for neurological disorders and strokes.

Submission Deadline: 18 May, 2022.

[**NIH NIDCD Research Grants for Translating Basic Research into Clinical Tools**](#)

Overview: Provides an avenue for scientists, clinicians, and clinical scientists to initiate and conduct translational research projects.

Submission Deadline: 20 May, 2022.

[**NIH Using Just-in-Time Adaptive Interventions to Optimize Established Adolescent Mental Health Treatments \(R61/R33 Clinical Trial Required\)**](#)

Overview: Supports pilot research to develop and test adaptive intervention augmentations to enhance clinical potency for established adolescent mental health treatments.

Submission Deadline: 20 May, 2022.

[**NIH Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery**](#)

Overview: Solicits applications that explain underlying mechanisms and trajectories of social relationships, and how they affect human health and overall wellbeing.

Submission Deadline: 21 May, 2022.

[**NIH Integrating Mental Health Care into Health Care Systems in Low- and Middle-Income Countries**](#)

Overview: Invites implementation research to develop and, optimize strategies to integrate mental and physical health care within health care systems in low-and middle-income countries (LMICs).

Submission Deadline: 22 May, 2022.

[**NIH HEAL Initiative: Discovery of Biomarkers and Biomarker Signatures to Facilitate Clinical Trials for Pain Therapeutics \(UG3/UH3 Clinical Trial Optional\)**](#)

Overview: Supports discovery of biomarker signatures for pain to facilitate testing of non-opioid pain therapeutics in Phase II clinical trials.

Submission Deadline: 23 May, 2022.

[**NIH National Eye Institute \(NEI\) Vision Research Epidemiology Grant**](#)

Overview: Support new and innovative ocular epidemiology research.

Submission Deadline: 25 May, 2022.

[**Toyota Ventures Call for Innovation**](#)

Overview: Supports companies to enable smarter, flexible, connected factories that amplify people and improve efficiency and sustainability.

Submission Deadline: 31 May, 2022.

POST DOCTORAL FELLOWSHIPS

[**Simons Postdoctoral Fellowships in Marine Microbial Ecology**](#)

Overview: Support postdoctoral students to pursue basic research on fundamental problems in marine microbial ecology.

Submission Deadline: 13 May, 2022.