

INVESTIGATOR INITIATED RESEARCH PROPOSALS FOR SMALL EXTRAMURAL GRANTS - 2023

Addendum List of Projects

- 1) The selection process for small grants for which the applications closed on 28/04/2023 has been completed and the result of the call has been published on 30/09/2023. The projects listed below were selected earlier but due to unforeseen reasons, these projects were not included in the previous list. These projects will now be considered for approval, subject to the following:
- Satisfactory response to technical comments.
 - Satisfactory response to budgetary comments and budget revision as necessary.
 - Completion of CODAL formalities, including ethics approval, within 3 months of receipt of intimation of selection.
- 2) Please note that the selection of the project is not a guarantee of funding if the above conditions are not met in a timely manner.
- 3) Please note that no funds should be spent in anticipation before final approval and release of funds by ICMR.

SNo	Proposal ID	Title	Principle Investigator	Institute
1	IIRP-2023-1575	A multi-omics approach to delineate the role of neutrophil and plasma indicators in the progression of sepsis and predisposition to early mortality in Severe Alcoholic Hepatitis (SAH) Patients	Dr Jaswinder Singh Maras	Institute of Liver and Biliary Sciences, Delhi
2	IIRP-2023-5653	Development of a Unified Analysis Tool for Severity Assessment and Enhancement of Neurologic Speech Impairments Due to Various Stroke Conditions	Dr Govind D	K L University, Guntur, Andhra Pradesh
3	IIRP-2023-5948	Exploiting the ubiquitin-proteasome system as novel target therapy against dengue virus-induced thrombocytopenia	Dr Anismrita Lahon	Institute of Advanced Virology, Thiruvananthapuram, Kerala
4	IIRP-2023-6882	Investigating the role of purified human milk oligosaccharides as antibiofilm agents for multi-drug resistant bacteria	Dr Ashwini Chauhan	Tripura University, Tripura

5	IIRP-2023-5091	Selenium supplementation as an adjunct therapy against tuberculosis	Dr Vikram Saini	All India Institute of Medical Sciences, Delhi
6	IIRP-2023-3439	Targeting Bile Acid Receptor TGR5 for the Treatment of Ischemic Cerebral Stroke Associated Motor & Cognitive Deficits	Dr Prem N Yadav	CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow, Uttar Pradesh
7	IIRP-2023-3372	Longitudinal follow up of an HIV-1 pediatric cohort following ART discontinuation and the evaluation of clinical parameters and latent reservoir properties.	Prof Udaykumar Ranga	Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru
8	IIRP-2023-5331	Potency optimization of 4-oxoazetidine scaffolds as dual specific polyphosphate kinase inhibitors for Multi-drug resistant tuberculosis	Dr P Ramalingam	National Institute of Pharmaceutical Education And Research (NIPER), Bihar
9	IIRP-2023-7864	Development of novel screening assays for molecules targeting persisters in Mycobacterium tuberculosis	Dr Amit Kumar Pandey	Translational Health Science and Technology Institute, Faridabad, Haryana
10	IIRP-2023-6129	Personalized precision oncology: 3D-printed microfluidic cancer-on-chip device for clinical validation of prior drug sensitivity using Carcinoma breast cancer stem cell organoids	Prof Subha Narayan Rath	Indian Institute of Technology, Hyderabad
11	IIRP-2023-5830	Disposable Multiplexed Electrochemical Genosensor for BRCA1 Mutation Detection	Prof N Ponpandian	Bharathiar University, Coimbatore, Tamil Nadu
12	IIRP-2023-7832	Establishing biochip-based cell free DNA repair assay for cancer treatment outcome prediction	Dr Kamalesh Dattaram Mumbrekar	Manipal School of Life Sciences, Udupi, Karnataka

13	IIRP-2023-1559	Design and development of a mucoadhesive micelle-based dual drug delivery system for the non-invasive treatment of diabetic cataract and retinopathy	Dr Dadi A Srinivasarao	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad, Telangana
14	IIRP-2023-6200	Improving Biopharmaceutical Attributes of Sodium Glucose Co-Transporter 2 Inhibitors for the management of Type 2 Diabetes Mellitus Associated Metabolic Syndrome using Cocrystallization Approach	Dr Jamshed Haneef	Jamia Hamdard, Delhi
15	IIRP-2023-7715	Overcoming the Inflammatory Cascade in Neonatal Sepsis: a Nanomedicine Approach	Dr Chandraiah Godugu	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad, Telangana
16	IIRP-2023-4911	Investigating N-acetyl cysteine as an antisickling agent in sickle cell disease	Dr Amit Kumar Mandal	Indian Institute of Science Education and Research (IISER), Kolkata
17	IIRP-2023-2030	Development and application of antimycotic self-gelling probiotic powder targeting Candida albicans infections in geriatric denture wearers and oroantral communication patients	Dr Ramith Ramu	JSS Academy Of Higher Education & Research, Mysore, Karnataka
18	IIRP-2023-3209	Screening the role of Shellfish as Conduit in the Transmission of AntiMicrobial Resistance from the Environment into Human	Dr Sumit Biswas	Birla Institute of Technology and Sciences-Pilani, Goa Campus
19	IIRP-2023-4956	Genetic and epigenetic markers for predicting diabetic kidney disease in south Indians with type 2 diabetes	Dr D. Bodhini	Madras Diabetes Research Foundation, Chennai, Tamil Nadu

20	IIRP-2023-4439	To study the role of Natriuretic peptides, NPs (NPPA, NPPB) in hypertensive heart disease and to investigate the effect of MTHFR-NPPB locus (containing both NPPA and NPPB) polymorphism and its epigenetic modifications on cardiovascular risk	Dr Satyavir Yadav	All India Institute of Medical Sciences, Delhi
21	IIRP-2023-3620	Identification of Sphingolipid- and Eicosanoid-based Signatures as Potential Diagnostic, Prognostic, and Therapeutic Targets for Inflammatory Bowel Disease Subtypes	Dr Ujjaini Dasgupta	Amity University, Haryana
22	IIRP-2023-4174	Integrative Proteomics and Metabolomics Analysis of Plasma and Exosomes for Early Diagnosis of Non-Small Cell Lung Cancer	Dr Krishna Kishore Inampudi	All India Institute of Medical Sciences, Delhi
23	IIRP-2023-4199	Deciphering the landscape of genetic and epigenetic factors involved in modifying the phenotype of patients with severe beta hemoglobinopathies and sickle cell anemia.	Dr Ruchi Gupta	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
24	IIRP-2023-2121	ChemoPore: Unraveling Immunomodulation by Pore-Forming Toxins in Biomimetic 3D cell Culture Platform	Dr Mithu Baidya	Indian Institute of Technology (IIT), Jammu, Jammu and Kashmir
25	IIRP-2023-2134	Co-Targeting Hedgehog signaling component Gli and EGFR signaling in oral cancer stem cells to induce differentiation	Prof Samir Kumar Patra	National Institute of Technology, Rourkela, Sundergarh, Odisha
26	IIRP-2023-4973	Molecular detection of rheumatogenic clusters of Streptococcus dysgalactiae subsp. equisimilis (Group C, G) in India: Early prediction of Rheumatic heart disease	Prof Purva Mathur	All India Institute of Medical Sciences, Delhi
27	IIRP-2023-5536	Molecular Profile of Factor VIII Gene Mutations as a Predictive Marker for Inhibitor Development in Patients with Hemophilia A	Dr Garima Goel	All India Institute of Medical Sciences, Bhopal

28	IIRP-2023-5901	CCCTC-binding factor (CTCF) mediated epigenetic regulation of T helper (TH) cell differentiation linked to Non-Small Cell Lung Cancer (NSCLC) modulated through N6-methyladenosine (m6A) RNA methylation	Dr Koustav Sarkar	SRM Institute of Science and Technology, Kanchipuram, Tamil Nadu
29	IIRP-2023-1532	Regulation of T-follicular helper cells and cytotoxic CD8+ T cells in breast cancer patients receiving immune checkpoint blockade (ICB) therapy	Prof Arindam Bhattacharyya	University of Calcutta, Kolkata, West Bengal
30	IIRP-2023-6639	Optimizing antimicrobial treatment strategy for Carbapenem resistant Klebsiella pneumoniae bacteraemia	Dr Vishal Shanbhag	Kasturba Medical College, Udupi, Karnataka
31	IIRP-2023-2371	Conjugation inhibitor (COIN): To prevent dissemination of antibiotic resistance genes in natural environment	Dr Rajesh Kumar Sahoo	Shiksha-O-Anusandhan, Odisha
32	IIRP-2023-0967	Development of an artificial intelligence system to detect early shared neural biomarkers of ASD and ADHD from multi-modal neuroimaging	Dr Jac Fredo Agastinose Ronickom	Indian Institute of Technology (Banaras Hindu University), Varanasi
33	IIRP-2023-2871	Efficacy of Moringa Oleifera blended chitosan nanoparticles as bone graft for enhancing bone regeneration	Dr Reetika G	Sri Siddartha Dental College, Karnataka
34	IIRP-2023-4245	Antibacterial Nanozyme-Laden in situ Light-Responsive Hydrogel for Tissue Regeneration and Quorum-Sensing Inhibition to Revert Antimicrobial Resistance in Diabetic Foot Ulcers	Prof Swati Biswas	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
35	IIRP-2023-4724	Polymer-Mangiferin-Inorganic-Nano antibiotic” combination for eliminating Intracellular and Intraperitoneal drug resistant microbial infections	Dr Pradip Paik	Indian Institute of Technology (Banaras Hindu University), Varanasi
36	IIRP-2023-6880	Design, synthesis, and evaluation of novel dual inhibitors of dipeptidyl peptidase 4 (DPP4) and Neprilysin for the treatment of diabetes	Prof Hemant Ramanlal Jadhav	Birla Institute of Technology and Sciences-Pilani,

				Rajasthan Campus
37	IIRP-2023-0991	Long-term impact of an integrated intervention package delivered during preconception, pregnancy and early childhood on body fat and metabolic health in children aged 5-6 years	Dr Bireshwar Sinha	Center for Health Research and Development, Society for Applied Studies, Delhi
38	IIRP-2023-3989	A Comparative Study of Honeymoon Phase and Non-Honeymoon Phase Type 1 Diabetes for Identification of immune factors associated with partial remission in Type 1 Diabetes	Dr Soham Mukherjee	Postgraduate Institute of Medical Education & Research, Chandigarh
39	IIRP-2023-0078	To evaluate the potential of plasma mitochondrial DNA for early GDM prediction	Dr Jessy Abraham	All India Institute of Medical Sciences, Raipur
40	IIRP-2023-3883	Migrant Workers and their Implications in Malaria Elimination from Goa: an Implementation Research for Enforcement of Laws Pertaining to Migrants	Dr Umesh Subhash Kamat	Goa Medical College, Goa
41	IIRP-2023-4082	Implementation research on post tuberculosis care in primary settings: Assessment and management of risk factors, co-morbidities and lung disability (IR-PTC)	Dr Palnivel C	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry

*while every effort has been made to ensure the accuracy of the published results, in the event of any inadvertent mistake, the final communication to the Principal Investigator (PI) will prevail.
