

Investigator-Initiated Research Proposals for “ICMR Follow-on Small Extramural Grants” - 2026

(“ICMR Follow-on ANVESHAN Extramural Grants”)

(Call Released on 19th December’2025)

List of Selected Projects

- 1) The selection process for Follow-on Anveshan Extramural Grants for which the applications closed 19th March’ 2026 has been completed. The following projects have been selected and will be approved subject to the following:
- Satisfactory response to technical comments.
 - Satisfactory response to budgetary comments and budget revision as necessary.
 - Submission of all essential documents and 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.

S.No	Proposal ID	PI Name	Proposal Title	Institute	State & District
1	IIRPSG(AN)-F-2026-01-00060	Dr. Sangeeta Nath	Role of Stress Granules in Protecting Lysosomal Membranes from Damage Induced by Amyloid- β Oligomers in Neuronal Models and Neurons of Alzheimer’s Patients-derived iPSC	Manipal Institute of Regenerative Medicine	Bengaluru Urban, Karnataka
2	IIRPSG(AN)-F-2026-01-00082	Dr. S Nagendra Boopathy	Effect of Colchicine on Variant Allele Frequency in CHIP-Positive Coronary Artery Disease Patients: A First-in-the-World, Proof-of-Concept Randomized Controlled Trial	Sri Ramachandra Institute of Higher Education and Research	Chennai, Tamil Nadu
3	IIRPSG(AN)-F-2026-01-00086	Dr. Souvik Maitra	Biological Effects of Melatonin on Immune Dysfunction and Oxidative Stress in Sepsis: A Randomized Controlled Trial	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi

4	IIRPSG(AN)-F-2026-01-00104	Dr. Jyotdeep Kaur	Targeting the LINC00657/miR-17-5p/eIF-2 Axis to Overcome Stemness-Driven Drug Resistance in Hepatocellular Carcinoma: Towards Predictive Personalized Therapy	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
5	IIRPSG(AN)-F-2026-01-00115	Dr. Rajendra Prasad	Sphingolipid Pathway-Based Translational Antifungal Development Against the Fungal Pathogens	Amity University Haryana	Gurgaon, Haryana
6	IIRPSG(AN)-F-2026-01-00117	Dr. Vikas Kushwaha	TLR7/8-Agonistic Multi-Epitope Peptide Vaccine from Filarial Parasites Confers Cross-Protective Immunity Against Leishmania Infection: In silico, In vitro, and In vivo Approaches	Goswami Ganesh Dutta S.D. College	Chandigarh, Chandigarh
7	IIRPSG(AN)-F-2026-01-00130	Dr. Prof Jayakumar Rangasamy	FOLLOW-ON GRANT - INDIGENOUSLY DEVELOPED COST-EFFECTIVE HEMOSTATIC SPRAY FOR CONTROL OF TRAUMATIC BLEEDING - Revised	Amrita Vishwa Vidyapeetham, Coimbatore	Coimbatore, Tamil Nadu
8	IIRPSG(AN)-F-2026-01-00135	Dr. Mamatha Reddy Muppidi	Targeting MYBL2 signaling axis in RB1 deficient cancers: From mechanistic insights to structure-guided drug design	L V Prasad Eye Institute, Khordha	Khordha, Odisha
9	IIRPSG(AN)-F-2026-01-00142	Dr. Devendra Verma	Translational Development of a Rapid-Gelling Sprayable Hydrogel Barrier for Post-Cesarean Adhesion Prevention: Preclinical Validation, Pilot-Scale Manufacturing, and Intraoperative Kit Engineering.	National Institute of Technology, Rourkela	Sundergarh, Odisha
10	IIRPSG(AN)-F-2026-01-00157	Dr. Priyanka Upadhyai	Mechanistic dissection and pharmacological modulation of cilia-autophagy crosstalk for achondroplasia therapeutics	Kasturba Medical College	Udupi, Karnataka
11	IIRPSG(AN)-F-2026-01-00169	Dr. Amit Goel	Eight weeks versus twelve weeks of sofosbuvir-daclatasvir in treatment naive non-cirrhotic patients with chronic hepatitis C virus infection: A multicentric, open label, randomized controlled trial (RESOLVE 2.0)	Sanjay Gandhi Postgraduate Institute of Medical Sciences	Lucknow, Uttar Pradesh
12	IIRPSG(AN)-F-2026-01-00196	Dr. Sr Bharathidevi	Targeting Cleaved SEMA3C-Mediated Signaling with peptidomimetic Inhibitors as a Novel Therapeutic Strategy for Pathological Angiogenesis in Diabetic Retinopathy	Vision research foundation	Chennai, Tamil Nadu
13	IIRPSG(AN)-F-2026-01-00219	Dr. Arockiasamy Arulandu	Advancing First-in-Class LOX-1 Inhibitors for Atherosclerotic Cardiovascular Disease: Integrated Pharmacokinetic, Safety, and Efficacy-Guided Lead Selection Toward IND-Enabling Studies	International Centre for Genetic Engineering and Biotechnology	South West, Delhi

14	IIRPSG(AN)-F-2026-01-00223	Dr. Priya Datta	Development and Clinical Validation of a Chimeric Recombinant Antigen-based ELISA for the Diagnosis of Congenital Toxoplasmosis- F2	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
15	IIRPSG(AN)-F-2026-01-00224	Dr. Kali Kishore Reddy Tetala	A Vitamin D Microfluidic Diagnostic Device : Prototype Development and Validation	Vellore Institute of Technology	Vellore, Tamil Nadu
16	IIRPSG(AN)-F-2026-01-00265	Dr. Dalia Rafat	Metagenomic Profiles and AMR Signatures of Oral-Vaginal-Amniotic Fluid Microbiomes in PTL/PPROM: Influence of Glycemic Variability and Impact on Fetomaternal Outcomes	Aligarh Muslim University	Aligarh, Uttar Pradesh
17	IIRPSG(AN)-F-2026-01-00277	Dr. Divya P. Kumar	lncRNA MIR100HG as a Biomarker and Therapeutic Target for Overcoming Immunotherapy Resistance in Hepatocellular Carcinoma	JSS Medical College	Mysore, Karnataka
18	IIRPSG(AN)-F-2026-01-00287	Dr. Priya Datta	Non-invasive point-of-care diagnosis of amoebic liver abscess using blood cell-free DNA- F2	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
19	IIRPSG(AN)-F-2026-01-00304	Dr. Neha Thakur Rai	Validation and National Scaling of Make in India Pediatric Trauma Resuscitation Module (PTRM) A Multicentric Impact Assessment on Clinical Outcomes.	Dr. Ram Manohar Lohia Institute of Medical Sciences	Lucknow, Uttar Pradesh
20	IIRPSG(AN)-F-2026-01-00320	Dr. Johnson Pradeep	Effectiveness and Implementation of a Community Health Officer–Delivered Single-Session Problem-Solving Therapy supplemented with Short Digital Video Support for reducing Depression among Individuals with Diabetes and Hypertension in Ayushman Arogya Mandirs in Karnataka (eSPOT Study)	St John's Medical College Hospital	Bengaluru Urban, Karnataka
21	IIRPSG(AN)-F-2026-01-00333	Dr. Pranay Tanwar	AI-Integrated Transcriptomic, Epigenomic, and Liquid Biopsy Profiling for Early Detection and Precision Therapeutic Target Discovery in Breast Cancer	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi
22	IIRPSG(AN)-F-2026-01-00391	Dr. Sachit Anand	Integrating Vitamin D-Binding Protein Gene Polymorphisms and Urinary Microbiome-Metabolome Profiles for Characterizing Biomarker Signatures Associated with UTI in Children with CAKUT: A Longitudinal Multicentric Study	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi
23	IIRPSG(AN)-F-2026-01-00438	Dr. Ritu Kulshrestha	Proteomics of inhaled anti-fibrotic nanotherapeutics in Diffuse parenchymal lung diseases: Impact on efficacy, bio-reactivity and cytotoxicity of targeted nanodrug delivery	Vallabhbhai Patel Chest Institute	North Delhi, Delhi

24	IIRPSG(AN)-F-2026-01-00456	Dr. Seema Chhabra	Host Immune Determinants of Non-Responsiveness to Multidrug Therapy in Multibacillary Leprosy Patients.	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
25	IIRPSG(AN)-F-2026-01-00485	Dr. Sudhir Chandra Sarangi	Antidepressant Treatment Response Optimization Using Next-Generation Sequencing and Metabolomics in Indian Patients with Depression: A Multicentric Prospective Observational Study	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi
26	IIRPSG(AN)-F-2026-01-00500	Dr. N Ravichandran	Scale-Up of Competency-Driven Program Management for Strengthening NTEP—An Implementation Research to Catalyze Performance of Selected Districts of Five States	Jamia Hamdard	South, Delhi
27	IIRPSG(AN)-F-2026-01-00524	Dr. Muthukumar Balakrishnan	Structured Conservative Kidney Management in Elderly Indian CKD: Clinical Outcomes, End-of-Life Care Quality, and Cost-Effectiveness Evaluation with the CARE-Kit Pathway - SENIOR-CKM study.	Atal Bihari Vajpayee Institute of Medical Sciences & Dr RML Hospital	Central Delhi, Delhi
28	IIRPSG(AN)-F-2026-01-00586	Dr. Ambily R.	Deciphering leptospira persistence in Kerala- molecular epidemiology, resistome analysis and biofilm dynamics	College of Veterinary and Animal Sciences, Mannuthy	Thrissur, Kerala
29	IIRPSG(AN)-F-2026-01-00616	Dr. Anitha	Translational Evaluation of a Multi-Drug Repurposing Strategy to Overcome Temozolomide Resistance in Glioblastoma Using Preclinical and Patient-Derived Models	Pondicherry University	Pondicherry, Puducherry
30	IIRPSG(AN)-F-2026-01-00623	Dr. Shuvadeep Maity	Characterising Pex11 in regulating peroxisome-mitochondria crosstalk in neurodegenerative condition	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus	Medchal, Telangana
31	IIRPSG(AN)-F-2026-01-00645	Dr. Kiran Kumar Mn	Development and Pilot-Scale Production of a Millet-Based LAB Fermented Functional Beverage for Dietary Modulation of Allergic Asthma through Epigenetic Reprogramming of Regulatory T Cells	JSS Academy Of Higher Education & Research	Mysore, Karnataka
32	IIRPSG(AN)-F-2026-01-00658	Dr. Gangadharappa H V	Design and evaluation of CSK-1 targeted surface-functionalized small extracellular vesicles for co-delivery of STING agonist and siRNA for triple-negative breast cancer.	JSS College of Pharmacy	Mysuru, Karnataka
33	IIRPSG(AN)-F-2026-01-00659	Dr. Pradeep Sharma	AI-Integrated Rational Structure-Based Inhibitor Design and Preclinical Validation of Novel Antibacterial Agents Targeting ATP Phosphoribosyltransferase in the Histidine Biosynthesis Pathway of Multidrug-Resistant Acinetobacter baumannii	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi

34	IIRPSG(AN)-F-2026-01-00710	Dr. Shweta S. Agarwal	OMICS based approach to characterize UDP-Glucuronosyltransferase dysregulation in Vernal Keratoconjunctivitis.	Sankara Netralaya Medical Research Foundation	Chennai, Tamil Nadu
35	IIRPSG(AN)-F-2026-01-00713	Dr. Subhradip Karmakar	Circulating Telomeric Repeat-containing RNA (TERRA) as a Novel Non-invasive Plasma Biomarker of Placental PPAR α Dysfunction for Early Prediction of Preeclampsia	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi
36	IIRPSG(AN)-F-2026-01-00731	Dr. Archana Singh	Pre-clinical Development and Testing of a Topical Transglutaminase-1 Enzyme Replacement Therapy Using Advanced Skin Models for Autosomal Recessive Congenital Ichthyosis	CSIR-Institute of Genomics and Integrative Biology(CSIR-IGIB)	South Delhi, Delhi
37	IIRPSG(AN)-F-2026-01-00746	Dr. Bharanidharan Devarajan	Host miRNA-mRNA pair driven machine learning model for diagnosis and severity prediction in microbial keratitis	Aravind Medical Research Foundation	Madurai, Tamil Nadu
38	IIRPSG(AN)-F-2026-01-00747	Dr. Subir Biswas	Treatment of Acute and chronic inflammation with Dielectric Barrier Discharged Cold Atmospheric Plasma –an in vivo study	The Institute of Advanced Study in Science & Technology	Kamrup, Assam
39	IIRPSG(AN)-F-2026-01-00802	Dr. Paul T Francis	Integrating Complete Decongestive Therapy into the Primary health care system for Lymphoedema management- a Public-Private Partnership Model	Amrita Institute of Medical Sciences	Ernakulam, Kerala
40	IIRPSG(AN)-F-2026-01-00827	Dr. Imran Ahmd Khan	Synthesis of Low-Cost, Multivalent Carbohydrate Antagonists: A Sustainable Secondary Barrier Strategy for Cholera Prevention in Endemic Regions	Jamia Hamdard	South, Delhi
41	IIRPSG(AN)-F-2026-01-00840	Dr. Vikas Srivastava	Integrative Evaluation of Chitosan-Based Bioactives for Removal and Mitigation of Microplastic-Induced Damage in Kidney	CSIR-Indian Institute of Toxicology Research(CSIR-IITR)	Lucknow, Uttar Pradesh
42	IIRPSG(AN)-F-2026-01-00841	Dr. Madhavi Eerike	DeFRID App: A Novel Digital App for Identification and Deprescribing of Fall-Risk-Increasing Drugs in Geriatric Patients – A Multicenter Clinical Validation Study	All India Institute of Medical Sciences, Bibinagar	Yadadri, Telangana
43	IIRPSG(AN)-F-2026-01-00848	Dr. Ravi Shankar Lankalapalli	Lead Optimization of a 1-Deoxynojirimycin (DNJ) derivative as a pan-Dengue Virus (DENV-1 to 4) antiviral candidate	CSIR-National Institute For Interdisciplinary Science and Technology(CSIR-NIIST)	Thiruvananthapuram, Kerala

44	IIRPSG(AN)-F-2026-01-00854	Dr. Mini P Singh	Viral Evolution and Host Determinants of CNS Neuroinvasion in Pediatric Non-Polio Enterovirus Infection	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
45	IIRPSG(AN)-F-2026-01-00888	Dr. Lalit Pursnani	Plant-Rich Optimized Protein Diet and Progressive Resistance Exercises for Malnutrition and Frailty in Elderly Patients with Chronic Kidney Disease Stage 3b–4: The ELICKD-FIT 2×2 Factorial Randomized Controlled Trial	Atal Bihari Vajpayee Institute of Medical Sciences & Dr RML Hospital	Central Delhi, Delhi
46	IIRPSG(AN)-F-2026-01-00890	Dr. Dibyajyoti Banerjee	Development and Validation of Human Serum Albumin Pseudoesterase Activity as a Novel Biomarker of Lipid Biosynthesis in Human Subjects	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
47	IIRPSG(AN)-F-2026-01-00928	Dr. Kumanan	F2 Hybrid YOLO–MF–MLSN Lagrange Optimized Structured Methodology for Standardizing and Pre-processing Multi-Centric Unstructured Chest X-Ray Images of TB Patients	DR.M.G.R Educational And Research Institute	Chennai, Tamil Nadu
48	IIRPSG(AN)-F-2026-01-01008	Dr. Neethu Mohan	Modelling Cardiac Fibrosis: Bioprinted Mechanosensitive Spheroids for High-Throughput Drug Discovery	Sree Chitra Tirunal Institute for Medical Sciences and Technology	Thiruvananthapuram, Kerala
49	IIRPSG(AN)-F-2026-01-01019	Dr. Gaurav Sharma	Understanding Genomic Influence of NK Cell Receptor-Ligand Axis and Minor Histocompatibility Antigenic Variants on Graft versus Host Disease after Hematopoietic Stem Cell Transplantation	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
50	IIRPSG(AN)-F-2026-01-01039	Dr. Sunil Taneja	Exploring the role of TIM-3 as therapeutic target in autoimmune hepatitis.	Postgraduate Institute of Medical Education & Research	Chandigarh, Chandigarh
51	IIRPSG(AN)-F-2026-01-01041	Dr. Arijit Bhattacharya	Genomic Predictors of Hypermutability, Transmissibility, and Collateral Sensitivity in Community Derived Multidrug-Resistant <i>Acinetobacter baumannii</i> : Toward Evidence-Based Antibiotic Rationalization	Adamas University	24 Paraganas North, West Bengal
52	IIRPSG(AN)-F-2026-01-01045	Dr. Amit Shard	From Inhibition to Degradation: PKM2-Directed PROTAC Therapeutics for Oral Cancer	NIPER (National Institute of Pharmaceutical Education and Research), Gujarat	Gandhinagar, Gujarat
53	IIRPSG(AN)-F-2026-01-01084	Dr. Jasbir Kaur	Decoding tear-derived exosomal signatures in diabetic retinopathy: from early non-invasive biomarkers to targeted therapeutic potential	All India Institute of Medical Sciences, Delhi	South West Delhi, Delhi

54	IIRPSG(AN)-F-2026-01-01149	Dr. Rajeev Singh	Mechanistic Investigation of RF-EMR–Induced Oxidative Stress, Inflammatory Signaling, and DNA Damage Responses: Integrated Cellular and Preclinical Animal Model Study	Jamia Millia Islamia University	South, Delhi
55	IIRPSG(AN)-F-2026-01-01179	Dr. Aravind Madhavan	Targeting the Mycobacterium-Host Rv1899c-ZBTB25 Axis for Autophagy Restoration: A Host-Directed Strategy to Combat Mycobacterial Infections	Amrita School of Biotechnology	Kollam, Kerala
56	IIRPSG(AN)-F-2026-01-01223	Dr. Onkar Prakash Kulkarni	Design and Validation of Selective HDAC6 and HDAC6–RIPK1 Dual Inhibitors for Targeted Therapy of Oral Squamous Cell Carcinoma	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus	Medchal, Telangana
57	IIRPSG(AN)-F-2026-01-01229	Dr. Avneet Saini	Regulatory Grade Preclinical Evaluation and Clinical Trial Readiness of a Novel Antimicrobial Hydrogel for Comprehensive Wound Management	Panjab University	Chandigarh, Chandigarh
58	IIRPSG(AN)-F-2026-01-01237	Dr. Rajeev Singh	Deciphering RF-EMR–Induced Mitochondrial Steroidogenic Dysfunction and Ferroptotic Signaling in Testicular Leydig Cells: Translational Biomarker Discovery in Animal and Human Reproductive Models	Jamia Millia Islamia University	South, Delhi
59	IIRPSG(AN)-F-2026-01-01240	Dr. Sk Nasim	Transcriptomics Analysis of Prognostic Risk Factors and Their Functional Characterization in non-CML Myeloproliferative Neoplasms	Institute of Postgraduate Medical Education & Research	Kolkata, West Bengal
60	IIRPSG(AN)-F-2026-01-01461	Dr. Nasreen Zafar Ehtesham	Multicentric Field Validation and Implementation of the SeeTB Diagnostic System for Pulmonary and Extrapulmonary Tuberculosis at Peripheral NTEP Facilities: A Real-World validation for TRL-7 Readiness	Sharda University	Gautam Buddha Nagar, Uttar Pradesh
61	IIRPSG(AN)-F-2026-01-01486	Dr. Komal Shah	Effect of Intermittent Fasting on Gut Microbiome Composition and Metabolic Health in Overweight and Obese Indian Adults: A Randomized Controlled Study	Indian Institute of Public Health-Gandhinagar	Gandhinagar, Gujarat