

INVESTIGATOR- INITIATED RESEARCH PROPOSALS FOR SMALL EXTRAMURAL GRANTS - 2025 (Call Released on 02-January-2025)

List of Selected Projects

- 1) The selection process for Small Grants 2025 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.
 - Completion of all formalities, including submission of all necessary essential documents, within 3 months of receipt of intimation of selection.
- 2) Please note that the selection of project is not a guarantee of funding if the above conditions and terms mentioned in call 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.

Sr No	Project Id	Pi Name	Title	Institute	State/District
1	IIRPSG-2025-01-00007	Prof Kunal Roy	Chemical and drug-induced fatty liver disease: Cheminformatic modeling of molecular initiating events (MIEs) relevant to appropriate adverse outcome pathways (AOPs) of hepatic steatosis	Jadavpur University,	Kolkata, West Bengal
2	IIRPSG-2025-01-00016	Dr Raghavendra Upadhy	Development and Characterization of Novel Exosome Display Technology Carrying TNFR1 for the Amelioration of Systemic Inflammation in the Treatment of Multiple Sclerosis	Manipal Academy of Higher Education,	Udupi, Karnataka
3	IIRPSG-2025-01-00024	Dr Venkatesan Jayaprakash	Developing broad-spectrum flavivirus NS2B-NS3 protease inhibitors and assessing their antiviral potential	Birla Institute of Technology,	Ranchi, Jharkhand
4	IIRPSG-2025-01-00032	Dr Baiju G Nair	Development of a 4D Bioprinted Lung-on-a-Chip Model with Plant-Derived Bioinks for Studying Micro/Nanoplastic Inhalation Toxicity Using Fluorescent Carbon Dot Tracers	National Institute of Technology,	Kozhikode, Kerala

5	IIRPSG-2025-01-00043	Dr Karthik Subramanian	Identification of Novel Extracellular Vesicle-Associated Bacterial Antigens and Host Biomarkers in Bacterial Pneumonia.	Rajiv Gandhi Centre for Biotechnology,	Thiruvananthapuram, Kerala
6	IIRPSG-2025-01-00063	Prof Nishant Koodali Thazath	Mechanism of blue light induced genomic instability in yeast and its potential applications as a novel antifungal agent	Indian Institute of Science Education and Research (IISER),	Thiruvananthapuram, Kerala
7	IIRPSG-2025-01-00081	Dr Umesh Gupta	Poly-ε-Caprolactone/Poly Vinyl Alcohol Nanofiber Mediated Duo Approach of Anti-cancer Drug and Natural Wound Healer for the Effective Treatment of Loco-Regional Recurrent Breast Cancer	Central University of Rajasthan,	Ajmer, Rajasthan
8	IIRPSG-2025-01-00100	Dr Vaishali Verma	Development of immunochemical reagents for a multiplexed assay to detect carbapenem resistance in Acinetobacter baumannii	Bennett University,	Gautam Buddha Nagar, Uttar Pradesh
9	IIRPSG-2025-01-00150	Dr Vivek Tripathi	Investigating mutational spectrum of SUMO-pathway enzymes modulating replication fork dynamics and therapeutic response in BRCA2-deficient Triple-Negative-Breast Cancer Patients: Integrating Indian clinical samples and cellular models	Nitte University Center for Science Education and Research (Nitte deemed to be University),	Dakshin Kannada, Karnataka
10	IIRPSG-2025-01-00164	Prof Rajagopal Kadavigere Venkatachalaiah	Development and validation of Artificial Intelligence (AI) models for prediction of glioma and meningioma recurrence using preoperative MRI – A Multicenter study	Kasturba Medical College,	Udupi, Karnataka
11	IIRPSG-2025-01-00183	Dr Manesh Prakash Joshi	A novel indigenous lipid membrane-coated coacervate system designed for the efficient and safe delivery of mRNA vaccines targeting infectious diseases	CSIR-Indian Institute of Chemical Technology(CSIR-IICT),	Hyderabad, Telangana
12	IIRPSG-2025-01-00222	Prof Mahantesh Babanna Nagamoti	HIV Drug Resistance profiling in children, adolescents and adult PLHIV's on Doutegravir regimen from North Karnataka	Jawaharlal Nehru Medical College,	Belagavi, Karnataka
13	IIRPSG-2025-01-00223	Prof Ravi Manjithaya	A novel therapeutic intervention for cystinosis by pharmacologically modulating autophagy- lysosomal pathway to ameliorate disease pathology	Jawaharlal Nehru Centre for Advanced Scientific Research,	Bangalore Urban, Karnataka

14	IIRPSG-2025-01-00224	Dr Md Noorain Alam	Deep Learning for Stroke Dysarthria Diagnosis and Severity with a Conversational Agent for Therapy	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
15	IIRPSG-2025-01-00229	Dr Hitendra Kumar	Ultrasound mediated drug delivery mechanism for cirrhotic liver using micro-physiological units.	Indian Institute of Technology (IIT),	Indore, Madhya Pradesh
16	IIRPSG-2025-01-00252	Mr Yuvraj Singh	Novel CYP51 Inhibitors for the Targeted Treatment of Fungal Infections in Chronic Respiratory Illnesses	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana
17	IIRPSG-2025-01-00316	Dr Prabhakaran Vasudevan	Investigating the Mechanism of Astrocytoma Cancer Development through the Study of Grainy Head Like-2 (GRHL2) Transcription Factor	Christian Medical College, Vellore,	Vellore, Tamil Nadu
18	IIRPSG-2025-01-00347	Dr Remya Rajan R	Determination of biomarkers that predict tumor behaviour of aggressive pituitary adenomas (APA) in comparison with indolent pituitary adenomas: A transcriptome-based approach	Christian Medical College, Vellore,	Vellore, Tamil Nadu
19	IIRPSG-2025-01-00348	Dr Sajith Raghunandanan	Targeting the EbpB-σ54 regulatory cascade to mitigate severe Leptospirosis	Manipal School of Life Sciences,	Udupi, Karnataka
20	IIRPSG-2025-01-00352	Dr Khushbu Agarwal	Assessment of the effects of odor simulated virtual reality therapy on alleviating craving symptoms in alcohol use disorder	National Brain Research Centre,	Gurgaon, Haryana
21	IIRPSG-2025-01-00360	Dr Varun Surya	Efficacy of Allogenic Mesenchymal Stem Cells in Reducing Fibrosis and Enhancing Muscle Regeneration in Patients with Oral Submucous Fibrosis: A Randomized Controlled Trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
22	IIRPSG-2025-01-00368	Dr Naresh Chandra Bal	Targeting muscle-driven substrate disposal with novel capsaicin analogs to develop an "exercise mimetic" for type 2 diabetes management.	Kalinga Institute of Industrial Technology,	Khordha, Odisha

23	IIRPSG-2025-01-00379	Dr Kavita Agarwal	Sialidase-Based Detection of Vaginal Dysbiosis and Monitoring of Vaginal Health: Development of an indigenous Rapid Diagnostic Kit	Ashoka University,	Sonipat, Haryana
24	IIRPSG-2025-01-00404	Dr Deepak Menon	Identifying novel pathogenic genetic variants associated with stroke-in-young of cryptogenic etiology in India	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
25	IIRPSG-2025-01-00451	Prof Shamik Sen	Rapamycin-loaded Alginate-cell derived matrices (A-CDMs) for Islet expansion and transplantation	Indian Institute of Technology (IIT),	Mumbai, Maharashtra
26	IIRPSG-2025-01-00458	Dr Prasenjit Das	Integration of plasma and tissue-derived small-extracellular vesicle proteomic signatures with clinical outcomes to identify prognostic biomarkers for neoadjuvant chemoradiotherapy response in locally advanced rectal cancer.	All India Institute of Medical Sciences, Delhi,	South, Delhi
27	IIRPSG-2025-01-00481	Dr Rashmi Ray	Understanding B cells and antibody responses to Influenza Viruses: Approaches to elicit broadly cross protective immunity	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
28	IIRPSG-2025-01-00487	Dr Savleen Kaur	Integrating Genetic, Molecular, and Clinical Parameters into a Risk Prediction Model for Visual Axis Obscuration in Children with Congenital Cataracts	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
29	IIRPSG-2025-01-00493	Dr Sapan Borah	Secrets of the secretome: Identifying pathogenic effectors from a continuous-flow simulated-fluids Candida auris polymicrobial biofilm for potential treatment of urinary tract and blood stream infections	NIPER (National Institute of Pharmaceutical Education and Research), Gujarat,	Gandhinagar, Gujarat
30	IIRPSG-2025-01-00508	Dr Sai Chaitanya Chiliveri	Targeting Dengue Capsid-Lipid Droplet Interactions – A Structural Roadmap to Antiviral Discovery	Indian Institute of Technology (IIT),	Kanpur Nagar, Uttar Pradesh
31	IIRPSG-2025-01-00513	Dr Jess Vergis	Unifying Health Spheres: Clonal Linkages of Carbapenem-Resistant Acinetobacter in Healthcare and Food Settings and Development of a Pen-Side Diagnostic Tool	Kerala Veterinary & Animal Sciences University,	Wayanad, Kerala

32	IIRPSG-2025-01-00517	Dr Arnab Barik	Pharmacological Approaches and Mechanisms for Enhancing tDCS Treatment in Alleviating Chronic Neuropathic Pain	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
33	IIRPSG-2025-01-00524	Dr Ajay Tijore	Development of low-frequency ultrasound-based treatment for oral cancer treatment	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
34	IIRPSG-2025-01-00536	Dr Aditi Nanda	Comparison of accelerated and simplified dentures with conventional dentures in patients with total edentulism: Randomized trial to assess denture quality, quality of life, and nutrition	All India Institute of Medical Sciences, Delhi,	South , Delhi
35	IIRPSG-2025-01-00539	Prof Rachit Agarwal	3-Dimensional Tuberculosis Co-Culture System Guided New Lead Generation	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
36	IIRPSG-2025-01-00564	Dr Shivendra Kumar Chaurasiya	Targeting Glutamate Decarboxylase to Overcome Mycobacterial Persistence and Drug Resistance: Exploring New Horizons in anti TB-Therapeutic Interventions	Maulana Azad National Institute of Technology,	Bhopal, Madhya Pradesh
37	IIRPSG-2025-01-00584	Dr Shubhra Majumder	Novel stratification and therapeutic strategies in endometrial cancer targeting aberrant disassembly of primary cilia	Presidency University,	Kolkata, West Bengal
38	IIRPSG-2025-01-00609	Dr Smita Subhash Divyaveer	Building a healthier future: Artificial Intelligence-based early diagnosis of chronic kidney disease through retinal images.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
39	IIRPSG-2025-01-00627	Dr Dinesh Kumar	Hit to Lead Optimization of Novel Quinazalone-Tethered Benzofulvenes for Oral Cancer	NIPER (National Institute of Pharmaceutical Education and Research), Gujarat,	Gandhinagar, Gujarat
40	IIRPSG-2025-01-00637	Dr Siddheshwar Kisan Chauthe	Preclinical lead optimization of KT-32, a dual HDAC and topoisomerase II α inhibitor, to enhance pharmacokinetic properties and anticancer efficacy	NIPER (National Institute of Pharmaceutical Education and Research), Gujarat,	Gandhinagar, Gujarat

41	IIRPSG-2025-01-00640	Dr Usha Balasundaram	Therapeutic implications of bonducellin, a homoisoflavonoid from <i>Caesalpinia bonducella</i> , in rat models exhibiting metabolic and hormonal imbalance dual phenotypes of polycystic ovary syndrome	SRM Institute of Science and Technology,	Chengalpattu, Tamil Nadu
42	IIRPSG-2025-01-00653	Dr Lokendra Kumar Sharma	Investigation of Mitochondrial Signatures as Noninvasive Biomarkers and Their Pathogenic Implications in Endometriosis	Sanjay Gandhi Postgraduate Institute of Medical Sciences,	Lucknow, Uttar Pradesh
43	IIRPSG-2025-01-00664	Dr Rajkumar Velu	Design, Development, and Validation of Data-Driven Functionally Graded Triply Periodic Minimal Surface Lattice Structure-Based Prostheses for Traumatic amputation with Lower Extremities using Multi-Material Additive Manufacturing	Indian Institute of Technology (IIT),	Jammu, Jammu & Kashmir
44	IIRPSG-2025-01-00676	Dr Syed Mansoor Ali	Investigating the Role of lncRNA in lung development and sepsis induced acute lung injury in neonatal mice	Jamia Millia Islamia University,	South, Delhi
45	IIRPSG-2025-01-00680	Dr Nidhi Gupta	Pro-resolving mediator-embedded non-invasive nanogel for the management of diabetic dental pockets via osteogenic priming of the periodontal stem cells.	CSIR-Indian Institute of Toxicology Research(CSIR-IITR),	Lucknow, Uttar Pradesh
46	IIRPSG-2025-01-00682	Prof Gopal S Pillai	Development of a Combined Deep Learning Algorithm Integrating Clinical Metadata and Retinal Fundus Imaging for Predicting Chronic Kidney Disease.	Amrita Institute of Medical Sciences,	Ernakulam, Kerala
47	IIRPSG-2025-01-00716	Dr Ramandeep Singh	Lead optimization of sulfone, efloxate and adamantyl urea derivatives against drug-resistant <i>M. tuberculosis</i>	Translational Health Science and Technology Institute,	Faridabad, Haryana
48	IIRPSG-2025-01-00733	Prof Ritika Gautam	Next-Generation Metallodrugs: A Potent Alternative to FDA-Approved Antibiotics for Treating <i>Acinetobacter Baumannii</i> Ventilator-Associated Pneumonia	Indian Institute of Technology (IIT),	Kanpur Nagar, Uttar Pradesh
49	IIRPSG-2025-01-00736	Prof Anoop Misra	Impact of Partially Replacing Wheat with Millets or Bengal Gram Flour in Rotis on Glycemia and Prediabetes Reversal	Diabetes Foundation India,	South, Delhi

50	IIRPSG-2025-01-00740	Dr Sneha K Chunchanur	Development of Aptamer based Prototype Point-of-care Rapid Assay for Cholera diagnosis (APPROACH).	Bangalore Medical College and Research Institute,	Bangalore Urban, Karnataka
51	IIRPSG-2025-01-00758	Dr Aman Sharma	The HYPCON 03 Trial: A phase II/III randomized study evaluating hypo-fractionated accelerated versus conventional fractionated adjuvant radiation therapy in head and neck malignancies	All India Institute of Medical Sciences, Delhi,	South, Delhi
52	IIRPSG-2025-01-00761	Prof Asmita Gajbhiye	Synthesis of Endoxifen conjugate with Di-, Tri-, and Tetrapeptides for Enhanced Efficacy in Breast Cancer Therapy	Dr.Harisingh Gour Vishwavidyalaya,	Sagar, Madhya Pradesh
53	IIRPSG-2025-01-00789	Dr Madhavan Nampoothiri G	Development and evaluation of exosome-based therapeutics targeting glial cells to prevent neurodegeneration	Manipal College of Pharmaceutical Sciences,	Udupi, Karnataka
54	IIRPSG-2025-01-00791	Dr Rajesh P Shastry	CAZONCO: Early non-invasive bacteriome based point of care for colon cancer detection through CAZymes integrated LAMP oncopanel	Yenepoya (Deemed to be University),	Dakshin Kannada, Karnataka
55	IIRPSG-2025-01-00801	Prof Bhausahab Pandurang Bagal	Efficacy of Whole-Brain Radiotherapy (WBRT) and Lenalidomide in Primary CNS Lymphoma Patients: A Phase II Prospective Study" (CLEAR Study)	Tata Memorial Centre (TMC), Advanced Centre for Treatment, Research and Education in Cancer (ACTREC),,	Raigad, Maharashtra
56	IIRPSG-2025-01-00810	Dr Joseph S Paul	Innovative Fast qGRE for Sensitive Detection of Metabolic and Vascular Compliance Biomarkers in Early Cerebrovascular Risk Assessment	Kerala University of Digital Sciences Innovation and Technology,	Thiruvananthapuram, Kerala
57	IIRPSG-2025-01-00817	Dr Sarvesh Kumar Mishra	ML integrated LENS-based manufacturing of hip prosthesis with textured surfaces for enhanced antimicrobial and bio-tribo-corrosion resistance	Indian Institute of Technology (IIT),	Kanpur Nagar, Uttar Pradesh

58	IIRPSG-2025-01-00824	Prof Naveen Kumar Singh	A Rapid and Sensitive Electrochemical Loop-Mediated Isothermal Amplification Based device for Point-of-Care Leptospira Detection in One Health Applications (One eLAMP)	Indian Institute of Technology Delhi,	South, Delhi
59	IIRPSG-2025-01-00851	Dr Sanhita Sinharay	Rational design and longitudinal assessment of biomarkers for monitoring disease progression and therapeutic interventions in preclinical COPD models using noninvasive label and label-free MRI approaches	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
60	IIRPSG-2025-01-00874	Dr Ambili R	Development of Organized Dual-Cell Constructs for Enhanced Gingival Regeneration"	PMS College of Dental Science & Research,	Thiruvananthapuram, Kerala
61	IIRPSG-2025-01-00877	Dr Sudipta Mondal	Development of Short peptide-based Antibiotic Adjuvants Targeting the Bacterial Membrane	National Institute of Technology,	Bardhaman, West Bengal
62	IIRPSG-2025-01-00885	Dr Jitender Madan	Product development, validation, preclinical and safety evaluation of an intravaginal mucoadhesive nanoemulgel of voriconazole and syringic acid combination in vulvovaginal candidiasis infection	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad,	Hyderabad, Telangana
63	IIRPSG-2025-01-00892	Dr Manjari Kiran	Exploiting Extrachromosomal Circular DNA (ecDNA) for Personalized Therapy and Prognostic Markers in Cervical Cancers.	University of Hyderabad,	Rangareddi, Telangana
64	IIRPSG-2025-01-00899	Dr Nigil Sreedharan	To Study the Genetic characteristics in children with non syndromic congenital hearing loss in a tertiary care centre in North Kerala	Government Medical College,	Kozhikode, Kerala
65	IIRPSG-2025-01-00915	Prof Sai Prasad Pydi	Deciphering GPR183-Mediated Macrophage Function in Obesity and Diabetes: A Novel Target for Immunometabolic Therapy	Indian Institute of Technology (IIT),	Kanpur Nagar, Uttar Pradesh
66	IIRPSG-2025-01-00929	Dr Aastha Mishra	Comprehensive Genomic Investigation of Cardiac Channelopathies: Going beyond pathogenic exomes	CSIR-Institute of Genomics and Integrative Biology(CSIR-IGIB),	South, Delhi

67	IIRPSG-2025-01-00930	Dr N Janardhana	Children living and caring parents with severe psychiatric, neurological and neurosurgical illness: A feasibility study in the community	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
68	IIRPSG-2025-01-00953	Dr Amithavikram R Hathibelagal	A Novel Color Vision-Based Approach for Early Detection of Diabetic Retinopathy	LV Prasad Eye Institute, Hyderabad,	Hyderabad, Telangana
69	IIRPSG-2025-01-00985	Dr Gyan Prakash Modi	Structure-Based Lead Optimization of Novel Near-Infrared Fluorescence Diagnostic Probes for Selective Detection of Amyloid β Aggregates using Cerebrospinal Fluid of Alzheimer's Patients	Indian Institute of Technology (Banaras Hindu University),	Varanasi, Uttar Pradesh
70	IIRPSG-2025-01-00987	Prof Suman Kumar Dhar	Moonlighting nuclear functions of glycolytic enzyme phosphoglycerate mutase enzyme 1 (PfPGM1) in human malaria parasite Plasmodium falciparum and its therapeutic potential.	TERI School of Advanced Studies,	New Delhi, Delhi
71	IIRPSG-2025-01-00998	Dr Soumyadip Chatterji	Needs assessment, intervention designing and consequent implementation of antifungal stewardship in oncological ICU in a tertiary care centre	Tata Medical Center,	24 Paraganas North, West Bengal
72	IIRPSG-2025-01-01000	Dr Abhijit Sinha Roy	Ultra-high visualization and quantification of ocular microstructures for monitoring and evaluating outcomes of regenerative medicine	Narayana Nethralaya,	Bengaluru Urban, Karnataka
73	IIRPSG-2025-01-01003	Dr Nida Jamil Khan	Development of BET Inhibitors Targeting Epigenetic Biomarkers in TNBC: An In-Silico Guided In Vitro and Preclinical Validation	Jamia Millia Islamia University,	South, Delhi
74	IIRPSG-2025-01-01005	Dr Dinesh Kumar Ahirwar	Slit2-mediated activation of alveolar macrophages to resolve pulmonary fibrosis.	Indian Institute of Technology (IIT),	Jodhpur, Rajasthan
75	IIRPSG-2025-01-01007	Prof Koel Chaudhury	Lipid profiling and spatial lipid mapping of the endometrium in recurrent pregnancy loss using LC-MS and DESI imaging	Indian Institute of Technology (IIT),	West Midnapore, West Bengal

76	IIRPSG-2025-01-01030	Dr Diptiranjana Rout	A novel “mHealth-based Integrated NCD screening and personalised health information (mINSAPHI)” model to facilitate screening for NCDs and blood donations in rural parts of India.	All India Institute of Medical Sciences, Jhajjar,	Jhajjar, Haryana
77	IIRPSG-2025-01-01031	Dr Praveen Sharma	AURA-M (Automated Unified Risk Assessment in Myeloma)- A machine learning-augmented risk stratification system for multiple myeloma	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
78	IIRPSG-2025-01-01044	Prof Debarati Mukherjee	Womb to World: Maternal Mental Health, Infant Stress Responses, and Child Emotional-Behavioural Outcomes in Urban Poor Communities in India - A Prospective Cohort Study	Public Health Foundation of India,	New Delhi, Delhi
79	IIRPSG-2025-01-01049	Dr Md Jahangir Alam	Investigating the role of a Kelch family protein Calicin on Macrophage migration and Foam Cell Formation in atherosclerosis.	CSIR-Indian Institute of Chemical Biology(CSIR-IICB),	Kolkata, West Bengal
80	IIRPSG-2025-01-01055	Prof Himanshu Kumar	Development of a Serum miRNA-Based Pan-Cancer Detection Kit for Early Diagnosis	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
81	IIRPSG-2025-01-01061	Dr Prathamesh Haridas Kamble	Evaluating Safety, Optimal Dose, and Efficacy of Innovative Neck Chamber Device for Noninvasive Mechanical Baroreflex Activation Therapy in Patients with Compensated Heart Failure: Multiphase RCT	All India Institute of Medical Sciences, Nagpur,	Nagpur, Maharashtra
82	IIRPSG-2025-01-01064	Dr Bappaditya Dey	A Genome-Wide Transposon Mutagenesis Approach to Identify Hypervirulence-Associated Genes and Live Attenuated Vaccine Candidates for Combatting Mycobacterium orygis- associated Tuberculosis	National Institute of Animal Biotechnology,	Rangareddy, Telangana
83	IIRPSG-2025-01-01116	Dr Palash Kumar Basu	Development of Low-Cost High-Performance Micro Gas-Chromatography Coupled Exhale Breath Analyzer for Critical Respiratory Illness: An Approach towards Point-of-Care system.	Indian Institute of Space Science and Technology,	Thiruvananthapuram, Kerala

84	IIRPSG-2025-01-01120	Dr Sumith K Mathew	Development of a volumetric microsampling device for unassisted blood sampling to facilitate domiciliary health care	Believers Church Medical College Hospital,	Pathanamthitta, Kerala
85	IIRPSG-2025-01-01128	Dr Nirmalya Ganguli	Developing robust and cost-effective bio-manufacturing platform using an engineered mammary epithelial cell-based bioreactor for the production of human lactoferrin to treat iron deficiency anaemia	National Institute of Animal Biotechnology,	Rangareddy, Telangana
86	IIRPSG-2025-01-01145	Dr Prabu Dhanadapani	Development of Lateral Flow Multiplex Strand Invasion Based Amplification assay for diagnosing the Atypical Bacterial Pneumonia in Children	University of Madras, Chennai,	Chennai, Tamil Nadu
87	IIRPSG-2025-01-01151	Dr Ajay Bhandari	Development and validation of digital twin to improve adjuvant treatment planning and prevent glioblastoma (GB) recurrence in post-surgical GB patients.	Indian Institute of Technology (Indian School of Mines),	Dhanbad, Jharkhand
88	IIRPSG-2025-01-01172	Dr Indrajit Sahu	Repurposing cAMP-PKA pathway modifier drugs for the treatment of Alzheimer's disease	National Centre for Cell Science,	Pune, Maharashtra
89	IIRPSG-2025-01-01191	Dr Sonu Gandhi	Development of Point-of-Care Dielectrophoresis Immunochromatographic devices for Multiplexed Sensitive Detection of food borne Salmonella Strains	National Institute of Animal Biotechnology,	Rangareddy, Telangana
90	IIRPSG-2025-01-01202	Dr Giriraj Sahu	Evaluation of novel gene targets orchestrating cholinergic neuromodulation of neuronal intrinsic excitability controller for cognitive improvement in aging and neurodegenerative diseases.	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
91	IIRPSG-2025-01-01218	Dr Ajisha Aravindan	Heart rate control with Ivabradine vs Esmolol for RefrActoRy taCHYcardia in Septic Shock – A randomized controlled trial (HIERARCHY-SS trial)	All India Institute of Medical Sciences, Delhi,	South, Delhi
92	IIRPSG-2025-01-01248	Dr Megha Chaudhary Khanna	BREATH ACT: Evaluating Adherence and Effect of Home-Based Tele rehabilitation to REduce Respiratory Distress in Non-Ambulatory Duchenne Muscular DysTrophY Survivors: A Pilot Randomized Control Trial	Christian Medical College, Ludhiana,	Ludhiana, Punjab

93	IIRPSG-2025-01-01254	Dr Arun Kumar Vijayakumar	Smart Lipids for Metabolic Health: Scale-Up and Preclinical Evaluation for Hyperlipidemia Management and Disease Prevention	CSIR-National Institute For Interdisciplinary Science and Technology(CSIR-NIIST),	Thiruvananthapuram, Kerala
94	IIRPSG-2025-01-01281	Prof Soma Banerjee	Decoding long non-coding RNA-mediated immuno-modulation in the tumor microenvironment of hepatocellular carcinoma to improve the outcome of HCC chemo- and immunotherapy	Institute of Postgraduate Medical Education & Research,	Kolkata, West Bengal
95	IIRPSG-2025-01-01303	Dr Mamidipalli Sai Spoorthy	Cannabidiol as an adjunctive short-term treatment during Inpatient detoxification in patients with Alcohol dependence: A multicenter Phase III Randomized controlled trial	All India Institute of Medical Sciences, Bibinagar,	Yadadri, Telangana
96	IIRPSG-2025-01-01308	Dr Loganathan Rangasamy	Small Molecule/Peptide Conjugated Receptor Targeted In Vivo miRNA Delivery System For Restoring Infarcted Myocardium	Vellore Institute of Technology,	Vellore, Tamil Nadu
97	IIRPSG-2025-01-01335	Dr Krishanpal Karmodiya	Development of a field deployable ultrasensitive CRISPR based SHERLOCK diagnostic for detecting symptomatic and asymptomatic Plasmodium species and genotyping drug-resistance in North-East India	Indian Institute of Science Education and Research (IISER),	Pune, Maharashtra
98	IIRPSG-2025-01-01358	Dr Jiban Jyoti Panda	Rapid Development and Preclinical Evaluation of a Peptide-Infused 3D-Printed Bioadaptive Mouthpiece for Oral Mucositis in Cancer Patients Undergoing Chemotherapy and Radiotherapy: Accelerating Bench-to-Bedside Translation.	Institute of Nano Science and Technology,	S.A.S Nagar, Punjab
99	IIRPSG-2025-01-01384	Prof Mahavir Singh	Engineering a toxin-regulated CRISPR-Cas9 (CreTox) system as an efficient and stable antimicrobial	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka

100	IIRPSG-2025-01-01391	Dr Nandita Dasgupta	3D-Printed Dissolvable Microneedle Array with baselayer of Transparent, Wet-Adhesive Hydrogel-Lens for Corneal Alkali Burn to prevent neovascularization, inflammation, scarring, microbial infection with corneal regeneration (3DmicroLens)	CSIR-Indian Institute of Toxicology Research(CSIR-IITR),	Lucknow, Uttar Pradesh
101	IIRPSG-2025-01-01400	Dr Bharath Prasad As	INFLUENCE OF BACTERIAL PROTEASES IN COAGULOPATHY AMONG INDIVIDUALS WITH SEPSIS	Manipal School of Life Sciences,	Udupi, Karnataka
102	IIRPSG-2025-01-01404	Dr Arpita Rai	Photobiomodulation compared to standard of care in the management of Oral Submucous Fibrosis: A multi-centric randomised controlled trial	Rajendra Institute of Medical Sciences,	Ranchi, Jharkhand
103	IIRPSG-2025-01-01433	Dr Priyanka Gupta	Long term neurological and functional outcomes in pediatric traumatic brain injury: A prospective longitudinal study	All India Institute of Medical Sciences, Rishikesh,	Dehradun, Uttarakhand
104	IIRPSG-2025-01-01447	Dr Umasankar K. Perunthottathu	Reactivation of clathrin-mediated endocytosis as an effective strategy for Niemann Pick disease enzyme replacement therapy	National Centre for Cell Science,	Pune, Maharashtra
105	IIRPSG-2025-01-01452	Dr Tanvi Agrawal	Innovative drug repositioning for Chandipura virus: A dual-action approach for viral inhibition and neuroinflammation reduction	Translational Health Science and Technology Institute,	Faridabad, Haryana
106	IIRPSG-2025-01-01454	Dr Biswadip Chatterjee	Development and Validation of an Instrument to Assess Treatment Barriers Among Adolescents with Substance Use in the Community.	All India Institute of Medical Sciences, Delhi,	South, Delhi
107	IIRPSG-2025-01-01455	Dr Murali Dharan Bashyam	Decoding the therapeutic potential of chromatin accessibility alterations emanating from loss of chromatin remodelers ARID1B and ARID2 in cancer	Centre for DNA Fingerprinting and Diagnostics,	Hyderabad, Telangana
108	IIRPSG-2025-01-01459	Prof Senthilkumar Sivaprakasam	Metabolic Reprogramming of Kluyveromyces lactis and Advanced Bioprocess Development for the Bioproduction of Low Molecular Weight Heparin to Treat Blood Clotting Disorders	Indian Institute of Technology (IIT),	Kamrup, Assam

109	IIRPSG-2025-01-01464	Dr Akhileshwar Namani	A cost-effective and minimally invasive liquid biopsy: Utilizing fine-needle aspiration supernatants for molecular profiling and precision oncology in lung cancer diagnosis	Sri Shankara Cancer Foundation,	Bengaluru Urban, Karnataka
110	IIRPSG-2025-01-01476	Dr Ashutosh Prasad Tripathi	CARDINAL: A Pilot Study on Comprehensive AI-driven Risk Detection and Integrated aNalysis for Advanced cardiovascuLar care.	All India Institute of Medical Sciences, Gorakhpur,	Gorakhpur, Uttar Pradesh
111	IIRPSG-2025-01-01483	Dr Aditi Sinha	Efficacy and Safety of Mycophenolate Mofetil versus Oral Cyclophosphamide in Children with Frequently Relapsing or Steroid Dependent Nephrotic Syndrome: An Open Label Randomized Controlled Trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
112	IIRPSG-2025-01-01486	Dr Namita Jaggi	A Novel Solution for Antimicrobial Resistance: Decoding the Potential of Polyhydroxyalkanoates (PHAs) and their derivatives as Antibiotic Adjuvants in Colistin Resistant Klebsiella pneumoniae	Artemis Hospital,	Gurgaon, Haryana
113	IIRPSG-2025-01-01496	Dr Mrittika Sengupta	Antimicrobial Peptide-Based Inhibition of AgrC as a Novel Strategy to Target Virulence and Antimicrobial Resistance in Staphylococcus aureus	Mahindra University,	Hyderabad, Telangana
114	IIRPSG-2025-01-01504	Dr Sasithradevi A	AI-Driven Thermal Eye Imaging for Automated Pre-Screening and Continuous Monitoring of Diabetic Retinopathy	Vellore Institute of Technology, Chennai,	Chennai, Tamil Nadu
115	IIRPSG-2025-01-01506	Dr Avik Biswas	Decrypting the regulatory landscape of heterogeneous nuclear ribonucleoproteins in breast cancer to establish an RNA based molecular therapeutic strategy.	Chittaranjan National Cancer Institute,	Kolkata, West Bengal
116	IIRPSG-2025-01-01518	Dr Amitava Das	Bioengineered-induced Pluripotent Stem Cells (iPSC)-derived 3D skin organoids-mediated psoriasis disease modeling for translational therapeutics	CSIR-Indian Institute of Chemical Technology(CSIR-IICT),	Hyderabad, Telangana

117	IIRPSG-2025-01-01521	Dr Shilpa Rao	Deciphering the Tumor Microenvironment in Core and Peritumoral Brain Zone of Glioblastoma by Spatial Profiling and Functional Analysis for Prognostic/therapeutic relevance	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
118	IIRPSG-2025-01-01527	Dr Sivaprakash Ramalingam	Deciphering antigen interdependence and identifying novel targets for effective CAR-T Cell therapy in antigen-negative relapsed B-cell malignancies	Indian Institute of Technology (IIT),	Kanpur Nagar, Uttar Pradesh
119	IIRPSG-2025-01-01558	Dr Sheetal Sharma	Developing a cost-effective and quantitative DNA damage-induced transcription (DiT) assay in predicting tumor response to neoadjuvant therapy in breast cancer biopsies	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
120	IIRPSG-2025-01-01579	Dr Satish Kumar	Pioneering Completely Wire-Free Multi-parameter Patient Monitoring System with Embedded Intelligent Predictive Analytics to Minimize Response Time in Out-of-Hospital Emergency and ICU patients	Institute of Navel Medicine INHS,	Mumbai, Maharashtra
121	IIRPSG-2025-01-01586	Dr U Venkatesh	Strengthening Health Infrastructure Resilience against Climate Change-Driven Vector-Borne Diseases: A GIS-MCDM Framework in Eastern Uttar Pradesh	All India Institute of Medical Sciences, Gorakhpur,	Gorakhpur, Uttar Pradesh
122	IIRPSG-2025-01-01587	Dr Shamee Bhattacharjee	Aggressive TNBC in premenopausal women: Targeting Estrogen-ERR α -GPER axis and its nexus with PI3K/Akt pathway by combining phytoestrogens and PI3K/Akt inhibitors	West Bengal State University,	24 Paraganas North, West Bengal
123	IIRPSG-2025-01-01605	Dr Chittaranjan Sakerlal Yajnik	Effects of low and high dose oral methylcobalamin treatment on gut microbiome	KEM Hospital Research Centre,	Pune, Maharashtra
124	IIRPSG-2025-01-01606	Dr Sam J Mathew	Developing patient-specific cellular and humanized animal models for autologous cell therapy in Limb Girdle Muscular Dystrophy Type R2	Regional Centre for Biotechnology,	Faridabad, Haryana
125	IIRPSG-2025-01-01616	Dr Asif Ali	Determination of structure-activity relationships of a novel class of TRPA1 channel antagonists for pain relief – The PHL-B Family.	CSIR-Central Drug Research Institute(CSIR-CDRI),	Lucknow, Uttar Pradesh

126	IIRPSG-2025-01-01623	Dr Sudipta Bhattacharyya	AI/ML Guided High throughput Rational Screening, Synthesis and in-vitro Validation of Small Molecule Based Inhibitor Leads against the pleiotropic Virulence Factor SuhB of Pseudomonas aeruginosa.	Indian Institute of Technology (IIT),	Jodhpur, Rajasthan
127	IIRPSG-2025-01-01645	Dr Manash K. Paul	Targeting EZH2 to overcome immunotherapy resistance for the treatment of immunologically cold lung cancer.	Manipal School of Life Sciences,	Udupi, Karnataka
128	IIRPSG-2025-01-01653	Dr Shouriy Ghosh	Safety and efficacy of Fecal Microbiota Transplant in Gastrointestinal GVHD: A Multicentric Phase 2 single-arm trial in India: SAFE-FMT Trial	Tata Medical Center,	24 Paraganas North, West Bengal
129	IIRPSG-2025-01-01672	Dr Medha Rajappa	Development of a chip to predict steroid responsiveness in children with idiopathic nephrotic syndrome: A global proteomics profiling based approach	Jawaharlal Institute of Postgraduate Medical Education & Research,	Puducherry, Puducherry
130	IIRPSG-2025-01-01676	Prof Pravash Ranjan Mishra	Preclinical evaluation of the potent Noscapinoids and its synergistic effect with Gemcitabine against pancreatic ductal adenocarcinoma (PDAC) by modulating the complex tumor microenvironment	All India Institute of Medical Sciences, Bhubaneswar,	Khordha, Odisha
131	IIRPSG-2025-01-01713	Dr Agieshkumar Balakrishna Pillai	Validation of host RNA biomarker panel to diagnose bacterial and viral etiology in undifferentiated acute febrile infections	Institute of Advanced Virology,	Thiruvananthapuram, Kerala
132	IIRPSG-2025-01-01719	Dr Ashok Kumar Ahirwar	Evaluation of Novel Antiphospholipid Antibodies in seronegative Anti Phospholipid Syndrome (APS) and Expanding APS Diagnostics panel	All India Institute of Medical Sciences, Delhi,	South, Delhi
133	IIRPSG-2025-01-01764	Mr Dilip Kumar	Targeting N-P-induced Liquid Condensates and Nucleocapsid Assembly in Nipah Virus to Develop Next-Generation Antivirals	Ashoka University,	Sonipat, Haryana
134	IIRPSG-2025-01-01771	Dr Ashwini Chauhan	Exploring the Molecular Mechanisms of Phage Infection Dynamics to Engineer Broad-Spectrum Phages Against Klebsiella pneumoniae for Therapeutic Applications	University of Delhi South Campus,	South, Delhi

135	IIRPSG-2025-01-01777	Dr Sivaraman G	Developing, Validating, and Implementing Script Concordance Testing for Clinical Reasoning and Bedside Excellence in Competency-Based Medical Education "EXCEL-CBME": Hybrid II Implementation Study	Jawaharlal Institute of Postgraduate Medical Education & Research,	Puducherry, Puducherry
136	IIRPSG-2025-01-01800	Dr Vyas Akondi	Development of a tunable lens–integrated Shack-Hartmann wavefront aberrometer for comprehensive ocular wavefront assessment in patients with and without intraocular lenses	Indian Institute of Science Education and Research (IISER),	Ganjam, Odisha
137	IIRPSG-2025-01-01801	Dr Vibhav Bharadwaj Shivakumar	Sickle cell disease detection using quantum sensing employing functionalized nanodiamonds	Indian Institute of Technology (IIT),	Kamrup, Assam
138	IIRPSG-2025-01-01863	Dr John Eric Steephen	A Reusable device to facilitate safe urethral catheterization and prevent urethral balloon inflation complications in males	Kerala University of Digital Sciences Innovation and Technology,	Thiruvananthapuram, Kerala
139	IIRPSG-2025-01-01883	Prof Rakesh Kumar	Effect of Yoga on psychological wellbeing and cell survival biomarkers among children and adolescents with Type 1 Diabetes: An open-label randomized control trial	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
140	IIRPSG-2025-01-01892	Dr Ashwini Manoor Ananda	Characterization of respiratory microbiomes and antimicrobial resistance patterns using metagenomics approach, and biomarker profiling in ventilator associated pneumonia	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
141	IIRPSG-2025-01-01895	Dr Vineet Choudhary	Exploring the hidden role of Seipin in lipoprotein biogenesis: A potential novel lipid lowering target in dyslipidemia and atherosclerosis	All India Institute of Medical Sciences, Delhi,	South, Delhi
142	IIRPSG-2025-01-01913	Prof Yatan Pal Singh Balhara	Implementation and integration of FOCuS(Facilitating Outcomes in Clinical settings for Stimulants)intervention for stimulant use in routine clinical care:Multicenter RCT in north and northeast states.	All India Institute of Medical Sciences, Delhi,	South, Delhi

143	IIRPSG-2025-01-01914	Dr Ramesh Parameswaran	Polymer/Nanomaterial composite sensor array for Brain Computer Interface Application	Sree Chitra Tirunal Institute for Medical Sciences and Technology,	Thiruvananthapuram, Kerala
144	IIRPSG-2025-01-01929	Dr Jagpreet Singh Sidhu	Development, Evaluation and Clinical Validation of Hemicyanine-Donepezil Based Hybrid Molecules to Target Acetylcholinesterase as Theranostic Agents for Alzheimer's Disease	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan
145	IIRPSG-2025-01-01934	Dr Sachin Kumar Srivastava	Development of a photonic diagnostic system for Gastro-intestinal Infections through detection of viruses in stool using Machine-learning enabled Plasmon Enhanced Raman Sensing (GIMPERS).	Indian Institute of Technology (IIT) Roorkee,	Haridwar, Uttarakhand
146	IIRPSG-2025-01-01950	Dr Sanjeev Shukla	High-Throughput Discovery of Small Molecule Modulators of Alternative Splicing in Cancer Using Dual Luciferase Reporters and In Vivo Evaluation of Therapeutic Efficacy	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
147	IIRPSG-2025-01-01952	Prof Govindaraju Thimmaiah	Silk based materials/devices for prognosis and diagnosis of type 3 Diabetes Mellitus, Alzheimer's disease and their pathological nexus	Jawaharlal Nehru Centre for Advanced Scientific Research,	Bangalore Urban, Karnataka
148	IIRPSG-2025-01-01966	Dr Smriti Priya	A Microfluidic /Microplate-Based Alpha-Synuclein Seed Amplification Assay for Molecular Screening in Parkinson's Disease	CSIR-Indian Institute of Toxicology Research(CSIR-IITR),	Lucknow, Uttar Pradesh
149	IIRPSG-2025-01-01986	Dr Vishnu Vy	FSDH INDIA Natural History Study	All India Institute of Medical Sciences, Delhi,	South, Delhi
150	IIRPSG-2025-01-02022	Dr Sahadev A Shankarappa	Neural Cue Driven Amniotic Membrane-Based Hydrogel Scaffold for Enhancing Limbal Stem Cell Therapy in Corneal Repair	M.S. Ramaiah University of Applied Sciences,	Bengaluru Urban, Karnataka

151	IIRPSG-2025-01-02044	Dr Rakesh Pandey	Identification of BCR::ABL1 Independent Resistance Mechanisms from Multi-omics Data of Indian CML Patients and Finding Novel Prognostic Markers Using AI/ML Techniques	Banaras Hindu University,	Varanasi, Uttar Pradesh
152	IIRPSG-2025-01-02048	Dr Hitender Gautam	Investigating the Role of Non-Coding RNAs (miRNAs and lncRNAs) in Modulating Antimicrobial Resistance Mechanisms in Aerobic Bacteria Isolated from Blood and Cerebrospinal Fluid Infection.	All India Institute of Medical Sciences, Delhi,	South, Delhi
153	IIRPSG-2025-01-02069	Dr Vipin Chandra	Effect of Dapagliflozin versus standard care on risk of recurrence of kidney stones measured by urinary supersaturation: A Randomised placebo controlled study	All India Institute of Medical Sciences, Patna,	Patna, Bihar
154	IIRPSG-2025-01-02095	Dr Amit Alexander	Preclinical efficacy of intranasal chitosan-coated mesoporous silica nanoparticles for co-delivery of donepezil and sinapic acid: A synergistic approach for enhanced Alzheimer's disease management	National Institute of Pharmaceutical Education and Research Guwahati,	Kamrup, Assam
155	IIRPSG-2025-01-02109	Prof Manni Luthra Guptasarma	Testing corneal transplantation using cellularized cornea-like collagen matrices in animals	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
156	IIRPSG-2025-01-02130	Dr Suprabha Baranya Shrikrishna	Impact of Multi-Session Parental Motivational Interviewing on Parental Self-Efficacy in Oral Health Care Practices and Dental Caries Experience in Children with Early Childhood Caries	Manipal College of Dental Sciences,	Dakshin Kannada, Karnataka
157	IIRPSG-2025-01-02165	Dr Manjunatha V Venkataswamy	Innate Lymphoid Cell response and single cell transcriptomic profiles in acute Chikungunya virus infection: A study to understand their role in polyarthralgia	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
158	IIRPSG-2025-01-02193	Dr Venkata Prasuja Nakka	Therapeutic potential of nano-formulated short-chain fatty acids and edaravone in stroke-induced gut dysbiosis and its bidirectional impact on stroke recovery	University of Hyderabad,	Rangareddi, Telangana

159	IIRPSG-2025-01-02203	Dr Anees Palapuravan	Development of Lysosomal Zinc-Based Biomarkers for Early Diagnosis of Alzheimer's Disease	Indian Institute of Science Education and Research (IISER),	Chittoor, Andhra Pradesh
160	IIRPSG-2025-01-02230	Prof Indu Verma	Salivary proteomic signatures for a rapid and non-invasive novel ELISA-LAMP assay for screening/diagnosis of pediatric pulmonary tuberculosis.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
161	IIRPSG-2025-01-02250	Dr Neelesh Kumar Mehra	Ex-Vivo and Pre-Clinical Evaluation of the BCL-2 Inhibitor based Surface Engineered Onco-nano-medicines for the Leukemia Treatment	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad,	Hyderabad, Telangana
162	IIRPSG-2025-01-02253	Dr Tanmay Dutta	Investigation on the role of small noncoding RNAs in antimicrobial resistance of Mycobacterium tuberculosis	Indian Institute of Technology Delhi,	South, Delhi
163	IIRPSG-2025-01-02254	Ms Dimple Dawar	A Symptom-Targeted Approach to Cognitive Rehabilitation for Indian Stroke Survivors (STAR-IS) with Repetitive Transcranial Magnetic Stimulation (rTMS)	Christian Medical College, Ludhiana,	Ludhiana, Punjab
164	IIRPSG-2025-01-02287	Prof Mahadev Rao	Assessment of Pharmacogenomics and Metabolomics as Potential Preemptive Biomarkers for Antitubercular Drug-Induced Liver Injury in TB patients	Manipal College of Pharmaceutical Sciences,	Udupi, Karnataka
165	IIRPSG-2025-01-02306	Dr Ramprasad Srinivasan	Metabolomic Signature of Renal Tubular-Specific Extra cellular Vesicles in Diabetic Kidney Disease: A Predictive Biomarker Study with Machine Learning Integration	Sri Narayani Hospital & Research Centre,	Vellore, Tamil Nadu
166	IIRPSG-2025-01-02313	Dr Lata Kumari	Biomarker-Driven Precision Medicine: cfDNA and Exosomal Profiling in Renal Transplant Surveillance	All India Institute of Medical Sciences, Delhi,	South, Delhi
167	IIRPSG-2025-01-02315	Dr Rudrarpan Chatterjee	Prophylactic anti-tubercular therapy with once weekly isoniazid and rifapentine (3HP) to prevent tuberculosis in newly diagnosed active SLE: a multicentre randomised control trial.	Sanjay Gandhi Postgraduate Institute of Medical Sciences,	Lucknow, Uttar Pradesh

168	IIRPSG-2025-01-02358	Dr Krithiga Shridhar	Evaluating diet, essential minerals, oral bacteria, and body fat for head and neck cancer treatment: A prospective study in two large cancer centres in India.	Centre for Chronic Disease Control (CCDC),	New Delhi, Delhi
169	IIRPSG-2025-01-02365	Dr Girish K Radhakrishnan	Identification and characterization of virulence genes of Brucella to develop novel live-attenuated vaccines for the zoonotic disease, brucellosis.	National Institute of Animal Biotechnology,	Rangareddy, Telangana
170	IIRPSG-2025-01-02369	Dr Daipayan Banerjee	Evaluating the clinical potential of small extracellular vesicle-derived RBP3 in Diabetic Macular Edema: Inflammation modulation and Anti-VEGF response prediction	Aravind Medical Research Foundation,	Madurai, Tamil Nadu
171	IIRPSG-2025-01-02377	Prof Partha Roy	Development Of A Novel Mitochondria targeted Luteolin-Copper Nanomedicine For Treating Non-Small Cell Lung Cancer By Cuproptosis Induced Cell Death	Indian Institute of Technology (IIT) Roorkee,	Haridwar, Uttarakhand
172	IIRPSG-2025-01-02388	Dr Prabhat Kumar Chaudhari	Transforming Non-Surgical Treatment of Robin Sequence Infants with a Patient-Specific Pre-Epiglottic Baton Plate	All India Institute of Medical Sciences, Delhi,	South, Delhi
173	IIRPSG-2025-01-02401	Dr Indrashis Bhattacharya	Identifying the Molecular Etiologies of Idiopathic Infertility among Indian men using high-throughput spatial transcriptomics	Central University of Kerala,	Kasargod, Kerala
174	IIRPSG-2025-01-02413	Dr Gagan Bajaj	NURTURE WATCH- Development and Evaluation of a Parent Coaching Program to Encourage Healthy Screen Time Practices through Joint Media Engagement in Early Childhood	Kasturba Medical College,	Dakshin Kannada, Karnataka
175	IIRPSG-2025-01-02423	Dr Gautam Singhvi	Microneedle-assisted chemo-photodynamic combination therapy for melanoma treatment integrated with real-time monitoring of cancerous lesions using thermal imaging	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan

176	IIRPSG-2025-01-02427	Prof Monika Vig	Design of CRAC Channel Modulators to Treat Rare Inherited Genetic Disorder Familial Hemophagocytic Lymphohistiocytosis 4 (FHLH4) and Related Immunodeficiencies in Indian Children.	Tata Institute of Fundamental Research, Hyderabad,	Mumbai, Maharashtra
177	IIRPSG-2025-01-02439	Dr Ujjaini Dasgupta	Developing a Unique Bioactive Lipid Signature as a Potential Liquid Biopsy Tool for Early Detection of Gallbladder Cancer (GBC).	Ashoka University,	Sonipat, Haryana
178	IIRPSG-2025-01-02471	Dr Anusri Tripathi	SCREENING AND EVALUATION OF SERUM-CIRCULATING MICRORNAS FOR STRATIFYING DENGUE DISEASE SEVERITY	Calcutta School of Tropical Medicine,	Kolkata, West Bengal
179	IIRPSG-2025-01-02508	Prof Ajaikumar B Kunnumakkara	Advancing Women's Reproductive Health: A Novel Lateral Flow Assay-Based CA-125 Diagnosis Kit for Integrated Monitoring of Gynecological Disorders Including Ovarian Cancer	Indian Institute of Technology Guwahati,	Kamrup Metro, Assam
180	IIRPSG-2025-01-02524	Dr Pankaj Gupta	PREDICT-IPN: A Novel AI Framework for Early Detection of Infected Pancreatic Necrosis Through Multimodal Biomarker Integration	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
181	IIRPSG-2025-01-02546	Dr Jeffrey Pradeep Raj	Cost-Effectiveness of Pharmacogenetic-Guided Opioid Dosing Versus Standard Dosing incorporating population pharmacokinetic modeling for Pain Relief in Palliative Care – A Double-Blind, Parallel-Group, Randomized Controlled Trial	Kasturba Medical College,	Udupi, Karnataka
182	IIRPSG-2025-01-02553	Dr Anand Kumar Maurya	Establishing the MGIT-NanoSeq Algorithm for Identifying Clinically Significant Nontuberculous Mycobacteria and analysing Drug Resistance Patterns.	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
183	IIRPSG-2025-01-02565	Prof Aasheesh Srivastava	Development, medical grade production and Phase 1 assessment of STiCKit (Suture-less Tissue Closure Kit) as a potential replacement for Sutures in Tissue Closure	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
184	IIRPSG-2025-01-02583	Dr Vignesh P	Deciphering the Mechanism of Hyperinflammation in Patients with Chronic Granulomatous Disease	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh

185	IIRPSG-2025-01-02595	Prof Jyotdeep Kaur	From Maternal Circulation to Diagnostic Insights: Fetal Trophoblast Isolation and Enrichment for Non-Invasive Prenatal Diagnosis.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
186	IIRPSG-2025-01-02628	Prof Hemanth	Development of Soundproof Cradle for Enhancing the Accuracy in Newborn Hearing Screening Programs: A Multicentre study	JSS Institute of Speech and Hearing,	Mysuru, Karnataka
187	IIRPSG-2025-01-02636	Prof Mahitosh Mandal	Advancing Breast Cancer Chemo- and Immunotherapy using stimuli- responsive nanoparticles	Indian Institute of Technology (IIT),	West Midnapore, West Bengal
188	IIRPSG-2025-01-02641	Prof Jyotsnendu Giri	Biomimetic biomaterials-based vascularized cerebral organoid for neurodegenerative disease model and drug screening	Indian Institute of Technology Hyderabad,	Sangareddy, Telangana
189	IIRPSG-2025-01-02655	Prof Vikas Jain	Identification of the bacteriophage receptors on Mycobacterium tuberculosis cell surface and their role in phage attachment and infection	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
190	IIRPSG-2025-01-02666	Dr Nonika Rajkumari	Eosinophilia: A Pivotal Marker of Screening of Infectious Diseases for the Development of Innovative Diagnostic Tools Against Parasitic Infections	All India Institute of Medical Sciences Kalyani,	Nadia, West Bengal
191	IIRPSG-2025-01-02669	Dr Amol Somanath Shete	Development of Dasatinib Nanoemulsions for Ocular Neovascularization: Preclinical Safety, Efficacy Assessment, and a Multi-Omics Approach for Targeted Treatment	Krishna Vishwa Vidyapeeth (Deemed to be University), Krishna Institute of Pharmacy Karad,	Satara, Maharashtra
192	IIRPSG-2025-01-02670	Prof Amanjit Bal	Mapping the spatial organization of the tumour microenvironment across molecular subtypes of Triple-Negative Breast Cancer: a step towards precision treatment strategies	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
193	IIRPSG-2025-01-02671	Prof Pankaj Seth	Developing an Integrated Human Brain Organoid Model with Microglia for Unraveling Viral Neuropathogenesis and Multi-Omic Analysis in Dengue Infection.	National Brain Research Centre,	Gurgaon, Haryana

194	IIRPSG-2025-01-02718	Prof Navneet Singh	Development and Validation of an AI-Based Algorithm for Diagnosis, Personalized Treatment, and Therapeutic Outcome Predictions in Lung Cancer	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
195	IIRPSG-2025-01-02774	Dr Somoshree Sengupta	Effective anticancer therapeutics induction by SPION (Superparamagnetic iron oxide nanoparticles) based thermosensitive drug eluting gels/hydrothermal scaffold	Kolkata Gynecological Oncology Trials and Translational Research Group, Registered Office,	Kolkata, West Bengal
196	IIRPSG-2025-01-02791	Dr Shwetha JV	Elucidating role of host miRNA in Gonorrhoea: As a potential Adjunct to antibiotics to tackle emerging drug resistance (MIGRATED)	Bangalore Medical College and Research Institute,	Bangalore Urban, Karnataka
197	IIRPSG-2025-01-02792	Dr Aswini Kumar Samantaray	AI-Driven Neonatal ICU Monitoring System: Enhancing Infant Care Through Intelligent Automation	Manipal Insitute of Technology Bengaluru,	Bengaluru Urban, Karnataka
198	IIRPSG-2025-01-02816	Dr Asif Hameed	Nano-phage engineered spore cortex lytic enzymes for targeted eradication of multidrug-resistant ESKAPE pathogens	Yenepoya (Deemed to be University),	Dakshin Kannada, Karnataka
199	IIRPSG-2025-01-02850	Dr Bhavana Muralidharan	Functional Interactions Between LSD1 and LHX2 in Neocortical Development: Implications for Neurodevelopmental Disorders	Institute for Stem Cell Science and Regenerative Medicine,	Bengaluru Urban, Karnataka
200	IIRPSG-2025-01-02855	Dr Maitreya Maity	EarSpectro: Non-Invasive Continuous Monitoring for Glucose	International Institute of Information Technology Hyderabad,	Hyderabad, Telangana
201	IIRPSG-2025-01-02869	Prof Prof. (Dr.) Biman Kanti Ray	A multicentre open label non inferior RCT in RRMS of Rituximab and conventional therapy and way forward precision medicine with RRMS endophenotypic classification: RITREC	Institute of Postgraduate Medical Education & Research,	Kolkata, West Bengal
202	IIRPSG-2025-01-02896	Dr Shovanlal Gayen	Novel MMP-9 inhibitor and antimicrobial peptide loaded dual sensitive hydrogel preparation: A new therapeutic approach for Diabetic foot ulcer (DFU)	Jadavpur University,	Kolkata, West Bengal

203	IIRPSG-2025-01-02962	Prof Biswajit Dubashi	Epigenetic priming with Azacytidine and monitoring circulating -tumor -cell methylation in metastatic triple negative breast cancer – multicentre Phase -2 Randomized Controlled Trial	Jawaharlal Institute of Postgraduate Medical Education & Research,	Puducherry, Puducherry
204	IIRPSG-2025-01-02977	Dr Amit Kumar Srivastava	Development and pre-clinical validation of 4th generation bi-specific CAR-T cells for ovarian adenocarcinoma treatment	CSIR-Indian Institute of Chemical Biology(CSIR-IICB),	Kolkata, West Bengal
205	IIRPSG-2025-01-02978	Dr Anurag Baghel	Discovery and Development of Lipidomics- and Proteomics-Guided Bioactive Scaffolds for Age-Associated Cartilage Regeneration in Osteoarthritis: A Translational Preclinical Study	Sanjay Gandhi Postgraduate Institute of Medical Sciences,	Lucknow, Uttar Pradesh
206	IIRPSG-2025-01-02994	Dr Rama Rao Damerla	A Novel capture based method for targeted BRCA1/2 methylation testing on nanopore sequencing platform	Kasturba Medical College,	Udupi, Karnataka
207	IIRPSG-2025-01-03005	Dr Sharmistha Sinha	Preclinical Investigations of p53 Condensates as a Therapeutic Target for Overcoming Chemoresistance in Colon Cancer	Institute of Nano Science and Technology,	S.A.S Nagar, Punjab
208	IIRPSG-2025-01-03010	Prof Mrinal Kanti Bhattacharyya	Understanding the role of PfExo1 in drug resistance and antigenic variations in Plasmodium falciparum, and developing molecules that block PfExo1 functions.	University of Hyderabad,	Rangareddi, Telangana
209	IIRPSG-2025-01-03017	Prof Shama Prasada Kabekkodu	Development of ex-vivo microfluidic based Tumor on Chip Model to Evaluate Chemotherapy Response and further validation with in-vivo mouse model of Cervical Cancer	Manipal School of Life Sciences,	Udupi, Karnataka
210	IIRPSG-2025-01-03020	Dr Saiprabha Vn	7-Azaindole Derivatives as Potent Inhibitors Targeting ATP Binding Site of Mutated (L858R/C797S/T790M) EGFR Tyrosine Kinase in Non-Small Cell Lung Cancer.	Amrita Institute of Medical Sciences,	Ernakulam, Kerala
211	IIRPSG-2025-01-03045	Dr Mohanan Valiya Veettil	Developing a novel c-Myc targeting anti-cancer peptide from a viral protein for the treatment of lung cancer	Institute of Advanced Virology,	Thiruvananthapuram, Kerala
212	IIRPSG-2025-01-03084	Dr Deepak Kumar	2-Mercaptobenzothiazole amide Based Small Molecule Activators of PARKIN for the Treatment of Parkinson's Disease.	Indian Institute of Technology (Banaras Hindu University),	Varanasi, Uttar Pradesh

213	IIRPSG-2025-01-03123	Dr Prateek Kumar Panda	Comparison of efficacy and safety of lasmiditan and rizatriptan for management of acute headache in children with migraine aged 6-18 years: a single-blind, randomized-controlled trial	All India Institute of Medical Sciences, Rishikesh,	Dehradun, Uttarakhand
214	IIRPSG-2025-01-03131	Dr Pankaj Kumar Singh	Investigating the role of non-coding RNAs in D40 siRNA-induced apoptosis in Urinary Bladder Cancer	All India Institute of Medical Sciences, Jammu,	Samba, Jammu And Kashmir
215	IIRPSG-2025-01-03149	Dr Ratnesh Jain	Development of an Affordable Evolocumab Biosimilar to ensure Equitable Access for Indian Patients with Familial Hypercholesterolemia	Institute of Chemical Technology,	Mumbai, Maharashtra
216	IIRPSG-2025-01-03159	Prof Shrikant Ramesh Mulay	Novel Mitochondria-Targeted CaMKII Inhibitor for Reducing Chronic Kidney Disease-induced Cardiorenal Fibrosis.	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana
217	IIRPSG-2025-01-03217	Dr M Jeyaraj	Design of microneedle nanofiber peptide for immunological evaluation against HIV, TB	University of Madras, Chennai,	Chennai, Tamil Nadu
218	IIRPSG-2025-01-03242	Dr Adil Asghar	Age-Related Structural and Functional Alterations in Human Meningeal Lymphatics	All India Institute of Medical Sciences, Patna,	Patna, Bihar
219	IIRPSG-2025-01-03283	Prof Davinder Parsad	miR-2909 Inhibition as a Targeted Strategy for Repigmentation in Refractory Vitiligo Lesions	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
220	IIRPSG-2025-01-03292	Dr Kundeti Siva Sankar	AI-Integrated Mobile Health Platform for Early Screening, Risk Stratification, and Intervention in Tobacco Users to Address Oral Cancer and Lung Disease Burden in India.	Sibar Institute of Dental Sciences,	Guntur, Andhra Pradesh
221	IIRPSG-2025-01-03335	Prof Sanjay Kumar Bhadada	Epigenetic Reprogramming of receptors involved in Parathyroid Hormone signalling: A Novel Targeted Therapy for Renal Hyperparathyroidism	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh

222	IIRPSG-2025-01-03348	Dr Ravi Prakash Upadhyay	Long-Term Effects of Protein and Micronutrient Supplementation in Infancy on Body Composition, Metabolic Health, and Neurodevelopment: A Follow-Up of a Randomized Controlled Trial	Center for Health Research and Development, Society for Applied Studies,	South, Delhi
223	IIRPSG-2025-01-03349	Prof Gautham Shenoy Gurupur	Lead optimization studies to identify indole based clinical candidates effective against Multidrug-resistant strains of Mycobacterium tuberculosis residing inside macrophages.	Manipal College of Pharmaceutical Sciences,	Udupi, Karnataka
224	IIRPSG-2025-01-03369	Dr Santosh Sadashiv Mathapati	Advancing MASLD Therapeutics: A Human-Relevant Screening Platform Using CRISPR-Engineered Pluripotent Stem Cells-Derived Hepatocytes	Translational Health Science and Technology Institute,	Faridabad, Haryana
225	IIRPSG-2025-01-03410	Dr Anuradha Nadda	Development and implementation of a gender and community sensitive model to enhance the male participation in maternal and child health services -Mixed method approach	BR Ambedkar Institute of Medical Sciences,	S.A.S Nagar, Punjab
226	IIRPSG-2025-01-03420	Dr Dinesh Mani Tripathi	Pharmacological modulation of PFKFB3 and HMGB1 as a Novel Strategy to Prevent Acute Decompensation and spontaneous bacterial peritonitis in advance chronic liver disease	Institute of Liver and Biliary Sciences,	South, Delhi
227	IIRPSG-2025-01-03430	Prof Yashwant Kumar	Development and Validation of a Novel Multi-Biomarker Tool for Early Diagnosis of Biliary Atresia	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
228	IIRPSG-2025-01-03445	Dr Santanu Kaity	Taste masked 3D printed antiretroviral drug gummies as child-friendly formulation for HIV infected kids and adolescents towards improved treatment acceptability and personalized drug therapy	National Institute of Pharmaceutical education and research, Kolkata,	Kolkata, West Bengal
229	IIRPSG-2025-01-03452	Dr Naresh Chandra Bal	Identifying targetable mechanisms to counter chronic, low-grade inflammation in the skeletal muscle towards treatment of sarcopenia	Kalinga Institute of Industrial Technology,	Khordha, Odisha

230	IIRPSG-2025-01-03453	Dr Prabhat Ghanshyam Bhargava	Phase III, Randomized, parallel group, open-label trial evaluating Olanzapine's efficacy and tolerability in multi-day highly emetogenic chemotherapy with Aprepitant-based antiemetic prophylaxis.	Tata Memorial centre,	Mumbai, Maharashtra
231	IIRPSG-2025-01-03456	Dr Amit Asthana	Affordable and Rapid Quantification of Total Lipid Profile Using a Paper-Based Microfluidic Device Coupled with Electrochemical Detection	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad,	Hyderabad, Telangana
232	IIRPSG-2025-01-03457	Prof Dhandapani Sivashanmugam	Exploring Circulating Biomarkers for Early Detection and Recurrence Monitoring in Pituitary region tumors	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
233	IIRPSG-2025-01-03475	Dr Geetika Srivastava	AI-Enabled Integrated Diabetic Neuropathy Detection Device for Prevention of Diabetic Foot Ulcers	Dr Ram Manohar Lohia Awadh University,	Faizabad, Uttar Pradesh
234	IIRPSG-2025-01-03486	Dr Suresh Sukumar	An MR-neuroimaging study of structural and vascular brain networks in elderly adults with obesity and diabetes who practice structural yoga	Manipal College of Health Professions,	Udupi, Karnataka
235	IIRPSG-2025-01-03487	Dr Anjali Aggarwal	A mechanistic approach to understanding the impact of peripancreatic adipose-derived extracellular vesicles on tumor immune landscape and senescence in pancreatic cancer	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
236	IIRPSG-2025-01-03498	Dr Rajesh Pasricha	Phase II Randomized, Double-Blind, Placebo-Controlled Trial of Sildenafil Oral Spray for Radiation-Induced Oral Mucositis with Exploratory Analysis of PD-L1 and PDE5 Receptor Expression.	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
237	IIRPSG-2025-01-03515	Dr Kotakonda Arunasri	Deciphering the Burden of Antimicrobial Resistance and Resistome in Vernal Keratoconjunctivitis	LV Prasad Eye Institute, Hyderabad,	Hyderabad, Telangana
238	IIRPSG-2025-01-03528	Dr Narendra Nath Samantaray	Scalable, Digital, and Person-Centered: A Hybrid Self-Determination Theory Informed CBT Intervention to Transform Anxiety Care in India	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka

239	IIRPSG-2025-01-03530	Dr Shilpi Gupta	Leveraging salivary microbiome and metabolomic signatures for non-invasive early detection, prognosis, and risk stratification of oral potentially malignant disorders and cancer	AMITY UNIVERSITY UTTAR PRADESH,	Gautam Buddha Nagar, Uttar Pradesh
240	IIRPSG-2025-01-03534	Dr Rahul Kumar Verma	Ultra-Sensitive CRISPR-SERS Platform for Detection, Fingerprinting, and Resistance Profiling of Mycobacterium tuberculosis Using PCA and Machine Learning	Institute of Nano Science and Technology,	S.A.S Nagar, Punjab
241	IIRPSG-2025-01-03552	Dr Simran Kaur	Clinical determinants of the cognitive sequelae of chemotherapy in patients with breast cancer and effect of neurocognitive rehabilitation: A Prospective Interventional Study	All India Institute of Medical Sciences, Delhi,	South, Delhi
242	IIRPSG-2025-01-03567	Prof Prof. Asish Pal	Bioinspired Electro-Mechanoresponsive peptide-polymer Hydrogels for Enhancing Muscle Regeneration and in vivo Sarcopenia management	Institute of Nano Science and Technology,	S.A.S Nagar, Punjab
243	IIRPSG-2025-01-03597	Dr Sushil Kumar Sahu	Epstein-Barr virus nuclear antigen-leader protein and its role in modulation of host cell cycle regulation at the G2/M checkpoint during latency	Visva Bharati,	Birbhum, West Bengal
244	IIRPSG-2025-01-03616	Prof Sujata Mohanty	Bio Fabrication of Functional Bone Construct Mimicking Natural Bone via Advanced 3D Printing Strategies	All India Institute of Medical Sciences, Delhi,	South , Delhi
245	IIRPSG-2025-01-03626	Dr Shaila Angela Lewis	TRIBUTYRIN-CYCLODEXTRIN CAPSULES CO-LOADED WITH INULIN AND LACTIC ACID BACILLI FOR MANAGEMENT OF GUT MICROBIOTA DYSBIOSIS.	Manipal College of Pharmaceutical Sciences,	Udupi, Karnataka
246	IIRPSG-2025-01-03628	Dr Shyamal Chatterjee	Development of smart mask with multiplexed wearable gas sensors for diagnosis of kidney diseases	Indian Institute of Technology (IIT), Bhubaneswar,	Khordha, Odisha
247	IIRPSG-2025-01-03630	Dr Naresh Kasoju	Do mesenchymal stem cell derived extracellular vesicles directly inhibit fibrotic pathways or act via immune modulation: Investigating their therapeutic mechanisms in pulmonary fibrosis	Sree Chitra Tirunal Institute for Medical Sciences and Technology,	Thiruvananthapuram, Kerala

248	IIRPSG-2025-01-03650	Dr Zinia T Nujum	Effect of 2% Lignocaine Medicated Pad (LMP) Administration on Pain Relief and Antibody Response During Rabies Immunoglobulin (RIG) Infiltration: A randomized controlled trial.	Kerala University of Health Sciences,	Thrissur , Kerala
249	IIRPSG-2025-01-03659	Prof Shalmoli Bhattacharyya	3D printing of bone derived hydrogel based vascularized scaffold with mesenchymal stem cells for enhanced osteogenesis: Evaluating regeneration in different bone defect models	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
250	IIRPSG-2025-01-03672	Dr Pulukool Sandhya	Unveiling Early Autoimmunity in Dental Practice: Investigating Oral Health and Exploring Caries and Oral Mucosa Topography as Predictors of Sjögren's Syndrome	Mazumdar Shaw Medical Foundation,	Bengaluru Urban, Karnataka
251	IIRPSG-2025-01-03697	Prof Chandrashekar Janakiram	Design, Implementation, and Evaluation of a Standalone Oral Health Curriculum for Primary and Middle School Students in Kerala: A Model for National Adoption	Amrita Institute of Medical Sciences,	Ernakulam, Kerala
252	IIRPSG-2025-01-03705	Dr Deepsekhar Das	Smart phone imaging based artificial intelligence model in early detection and screening of Ocular surface and eyelid tumors: A Multicentric study	All India Institute of Medical Sciences, Delhi,	South, Delhi
253	IIRPSG-2025-01-03706	Dr Koushik Sinha Deb	Reducing Treatment Gap Through AI - Development and Validation of a Multilingual AI-Voice Agent (Converse-AI) for Detection of Common Mental Disorders.	All India Institute of Medical Sciences, Delhi,	South, Delhi
254	IIRPSG-2025-01-03720	Dr Aparna Zagabathuni	Design and development of self-healing auxetic metamaterial for next-generation vascular graft	National Institute of Technology,	Kozhikode, Kerala
255	IIRPSG-2025-01-03722	Prof Surajit Bhattacharjee	Integrating Gut Microbiome, Hormonal Profiles, and Lifestyle Factors for AI-Driven Metabolic Risk Prediction in Adolescents from Tripura, Northeast India with Adipocyte Validation	Tripura University, AGARTALA,	West Tripura, Tripura
256	IIRPSG-2025-01-03740	Dr Suganthi S	Development and evaluation of home-based dried blood spot therapeutic drug monitoring of tacrolimus, mycophenolic acid and creatinine in renal transplant recipients.	Jawaharlal Institute of Postgraduate Medical Education & Research,	Puducherry, Puducherry

257	IIRPSG-2025-01-03760	Dr Sandeep Goel	Enhancing the Therapeutic Potential of Mesenchymal Stem Cells for Osteoarthritis and Cartilage Regeneration Using Mitochondrial Priming	National Institute of Animal Biotechnology,	Rangareddy, Telangana
258	IIRPSG-2025-01-03770	Dr Akshi Singla	Elucidating Mycobacterial Glycan-Macrophage Interactions to Identify Novel Biomarkers and Develop Advanced Diagnostics for Tuberculosis	Indian Institute of Technology Delhi,	South, Delhi
259	IIRPSG-2025-01-03773	Dr Shalimar	Portal-omics: Improving diagnosis and management of portal hypertension in patients with metabolic-dysfunction associated steatotic liver disease through endoscopic ultrasound and portal plasma characterization	All India Institute of Medical Sciences, Delhi,	South, Delhi
260	IIRPSG-2025-01-03803	Dr Premnarayan Gupta	Site-specific delivery and tumor-associated macrophage repolarization mediated dual approach for improved therapy of triple negative breast cancer	CSIR-Indian Institute of Integrative Medicine(CSIR-IIIM),	Jammu, Jammu And Kashmir
261	IIRPSG-2025-01-03805	Dr Simran Preet	In vivo antibacterial efficacy of encapsulated peptide functionalized enzymatic nanomotors against enterotoxigenic Escherichia coli induced gastroenteritis.	Panjab University,	Chandigarh, Chandigarh
262	IIRPSG-2025-01-03808	Dr Yashasvi Singh	Exploring nuclear-encoded mitochondrial genes in regulation of OXPHOS activity and their implication in metastasis and patients' survival outcome in clear cell renal cell carcinoma	Institute of Medical Sciences (Banaras Hindu University),	Varanasi, Uttar Pradesh
263	IIRPSG-2025-01-03815	Dr Anup Naha	Innovative Liquid Crystal Drug Delivery for Amphotericin B to Enhance Brain Penetration in Cryptococcal Meningitis	Manipal College of Pharmaceutical Sciences,	Udupi, Karnataka
264	IIRPSG-2025-01-03848	Prof Manikandan Muthu	Platelet multi-omics analysis for the discovery of novel tuberculosis specific protein biomarkers for TB diagnostics and anti TB/LTB drug target	Saveetha Institute of Medical and Technical Sciences,	Chennai, Tamil Nadu
265	IIRPSG-2025-01-03851	Dr Sunil Kumar Panigrahi	Development and Evaluation of Telepathology Added Health Information System (THIS) for Early Diagnosis of Extrapulmonary Tuberculosis (EPTB)	All India Institute of Medical Sciences, Deoghar,	Deoghar, Jharkhand

266	IIRPSG-2025-01-03871	Dr Prasanna Bhat	Development of a sub-genomic replicon of Chandipura virus and utilizing it to study novel host-virus interactions crucial for viral transcription and replication	Indian Institute of Technology (IIT),	Palakkad, Kerala
267	IIRPSG-2025-01-03873	Prof Manisha Kumar	Artificial intelligence-powered verbal autopsy tool to determine the cause of Stillbirth	Lady Hardinge Medical College,	Central Delhi, Delhi
268	IIRPSG-2025-01-03882	Dr Pritam Raja	Integrating Rotational Thromboelastometry and Plasma Biomarkers for Early Diagnosis and Cost-Effective Management of Ischemic Stroke: A Point-of-Care Approach (IRTEMIS)	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
269	IIRPSG-2025-01-03891	Prof Lekha Saha	Overcoming chemoresistance and enhancing T-Cell response in Colorectal Cancer: A Humanized Xenograft mice model study combining siRNA nanoparticles targeting TCF-7 and TIGIT with FOLFOX Chemotherapy	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
270	IIRPSG-2025-01-03893	Prof Amar Mukund	Immune footprints unveiling the response and resistance in hepatocellular carcinoma patients undergoing trans-arterial chemo-embolization (TACE) therapy.	Institute of Liver and Biliary Sciences,	South, Delhi
271	IIRPSG-2025-01-03910	Dr Shashi Prakash Singh	Targeting Hepatocellular Carcinoma and Tumour Microenvironment by Helminth Derived TGF- β Mimic 6 (TGM6).	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan
272	IIRPSG-2025-01-03914	Dr Uttam Mrinal Pal	Design and evaluation of diagnostic accuracy of bimodal multispectral high-resolution microendoscopy imaging of premalignant oral lesion in comparison to visual inspection in screen-positive patients.	Indian Institute of Information Technology, Design and Manufacturing Kancheepuram,	Kanchipuram, Tamil Nadu
273	IIRPSG-2025-01-03922	Dr Biman Saikia	Unravelling the Role of Mitochondrial Dysfunction in Keratinocytes and Immune Cells in Acute and Chronic Dermatophytosis.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
274	IIRPSG-2025-01-03974	Prof Sujata Sharma	Harnessing Innate Immune Modulators Against Drug-Resistant Trichophyton indotineae: A Preclinical Study	All India Institute of Medical Sciences, Delhi,	South, Delhi

275	IIRPSG-2025-01-03991	Dr Niranjan Sahoo	Advancing Post Mortem Interval: A Multidisciplinary Forensic Study on Proteomic and Metabolomic Biomarkers with Predictive Modelling.	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
276	IIRPSG-2025-01-03993	Dr Sweta Lal	A Highly Sensitive Biosensor with Self-Made Electrodes for Non-Invasive Point-of-Care Testing (POCT) of Ovarian Cancer.	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
277	IIRPSG-2025-01-04011	Prof Rohit Bhatia	ESCALATE-2: Linezolid as an add on treatment in the intensive phase of Tubercular Meningitis. A randomised controlled trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
278	IIRPSG-2025-01-04050	Dr Nilanchali Singh	Comparison of Urinary HPV and Cervical HPV for Cervical Cancer Screening in Pregnant Women (PREG-PEE Study)	All India Institute of Medical Sciences, Delhi,	South, Delhi
279	IIRPSG-2025-01-04065	Dr Priyam Batra	Investigating the Role of Fecal Microbiota Transplantation in Immune and Metabolic Alterations in Type 1 Diabetes: A Randomized Control Trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
280	IIRPSG-2025-01-04102	Dr Saikat Das	Enhancing Informed Decision-Making in Cancer Treatment Using Virtual Reality Technology and Digital Twin Platform	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
281	IIRPSG-2025-01-04106	Prof Dibyajyoti Banerjee	Revolutionizing Microalbuminuria Detection: Repurposing Dyes for Rapid Point-of-Care Microalbuminuria Detection.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
282	IIRPSG-2025-01-04116	Prof Naval Kishore Vikram	Association of Adipose-Muscle Phenotypes with Clinical and Metabolic Parameters in Adult Patients with Metabolic-Associated Steatotic Liver Disease (MASLD)	All India Institute of Medical Sciences, Delhi,	South, Delhi
283	IIRPSG-2025-01-04143	Dr Remya E	Ayurvedic Intervention as an add-on to Lifestyle Modification in Metabolic Dysfunction-Associated Steatotic Liver Disease(MASLD):A Multimodal Study on Clinical, Inflammatory, Gut microbiome - Metabolomic outcomes(AIMS-MASLD)	National Ayurveda Research Institute for Panchakarma,	Thrissur, Kerala

284	IIRPSG-2025-01-04153	Dr Kashavva Basanagouda Andanigoudar	A Comprehensive Health Innovation for Under-Five tracking (CHInnU): A quasi-experimental study on implementing Child Health Tracking System in a primary health center of North Karnataka.	KLE's Jagadguru Gangadhara Mahaswamigalu Moorusavirmath Medical College,	Dharwad, Karnataka
285	IIRPSG-2025-01-04160	Prof P.T.V.Lakshmi	Novel Strategies to Optimize Eco-Friendly Nanocomposite Against the Potential Targets of Uropathogens Identified by Integrating the Omics and Machine Learning Models	Pondicherry University,	Pondicherry, Puducherry
286	IIRPSG-2025-01-04179	Dr Mohammad Abbas	Genetic variations and their influence on Isoniazid and Rifampicin efficacy in drug-sensitive tuberculosis patients	Era's Lucknow Medical College and Hospital, Era University,	Lucknow, Uttar Pradesh
287	IIRPSG-2025-01-04197	Dr Harsimran Kaur	Development of droplet digital PCR and comparison with conventional and molecular methods for diagnosis of neonatal fungal sepsis	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
288	IIRPSG-2025-01-04200	Dr Madhumita Roy Chowdhury	Exploring Extracellular Vesicles-based Molecular Signatures to understand Disease Progression and Severity in Children with Interstitial Lung Diseases (ChILD)	All India Institute of Medical Sciences, Delhi,	South, Delhi
289	IIRPSG-2025-01-04268	Dr Ravindra Kumar Upadhyay	Synthesis, Characterization and Antibacterial Evaluation of a Sulfur-Linked 1,2,3 and 1,2,4-Triazole Hybrid: A Multi-Target Approach to Combat Antimicrobial Resistance	SRI VENKATESWARA COLLEGE, UNIVERSITY OF DELHI,	South West, Delhi
290	IIRPSG-2025-01-04275	Dr Vinod Kumar	To study the effectiveness of local infusion of autologous-peripheral-blood-haematopoietic-stem-cell (ApbHSCs) in patients with Recessive-Dystrophic-Epidermolysis-Bullosa: A role in lowering inflammation and promoting wound healing	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
291	IIRPSG-2025-01-04283	Dr Sankarganesh Jeyaraj	Developing autochthonous phage cocktails and evaluating their efficacy against clinical carbapenem resistant Acinetobacter baumannii(CRAB) and Klebsiella pneumonia (CRKP) through in-vivo studies	PSG Institute of Medical Sciences,	Coimbatore, Tamil Nadu

292	IIRPSG-2025-01-04304	Dr Sucheta Kulkarni	Developing an integrated AI-powered screening tool to automatically detect and interpret retinal vascular status and Retinopathy of Prematurity in preterm low birth weight infants.	Poona Blind Men's Association H.V.Desai Eye Hospital,	Pune, Maharashtra
293	IIRPSG-2025-01-04316	Prof Rajeev Kumar Taliyan	Evaluating the Neuro-therapeutic Potential of DNA Methyltransferase - inhibitors and CDNF gene (delivery) for Parkinson's disease Management.	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan
294	IIRPSG-2025-01-04358	Dr Pranathi Racha	Development and Validation of a Novel, Third-Generation Lifestyle (Exercise and Nutrition) Prescription for Precision Medicine in Indians with cardiometabolic diseases (DEVELOP Study).	St John's Medical College Hospital,	Bengaluru Urban, Karnataka
295	IIRPSG-2025-01-04363	Prof Nupur Pruthi	Revolutionizing Dural Closure in Craniospinal Surgeries: Cost-Effective Regenerative Action of Platelet Insitu derived Extracts and Autologous Fibrin Sealant in Enhancing Healing and Reducing Complications (RAPIDEX)	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
296	IIRPSG-2025-01-04372	Dr Divyani Garg	Identification and in-vivo functional analysis of progressive ataxia linked variants in Indian population and development of new genetic diagnostic testing and treatment plan	All India Institute of Medical Sciences, Delhi,	South, Delhi
297	IIRPSG-2025-01-04377	Dr Nishikant Avinash Damle	A pilot study to assess the status of PSMA as a theranostic target in management of recurrent Glioblastoma Multiforme.	All India Institute of Medical Sciences, Delhi,	South, Delhi
298	IIRPSG-2025-01-04378	Dr Nishikant Avinash Damle	A pilot study to assess the role of 68Ga-Trivehexin PET/CT in the localization of parathyroid adenomas in patients with primary hyperparathyroidism	All India Institute of Medical Sciences, Delhi,	South, Delhi
299	IIRPSG-2025-01-04385	Dr Ashok Kumar	Targeting Cancer Stem Cells in Oral Cancer: Multimodal BUB1 Inhibitor-Loaded Nanoparticles for Enhanced Chemo-Sensitization	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh

300	IIRPSG-2025-01-04386	Dr Asish Vijayaraghavan	The MCI Connectome: Mapping Brain Connectivity to predict dementia conversion risk in subjects with Mild Cognitive Impairment and subjective cognitive decline-blood biomarker-based validation	Sree Chitra Tirunal Institute for Medical Sciences and Technology,	Thiruvananthapuram, Kerala
301	IIRPSG-2025-01-04401	Prof Neeta Singh	The Silent Barrier to Parenthood: Decoding KIR-HLA-C Interactions in Repeated Implantation Failure: Bridging Immunogenetics with Personalized Treatment: A Case-Control and Pre-Post Interventional Study.	All India Institute of Medical Sciences, Delhi,	South, Delhi
302	IIRPSG-2025-01-04405	Dr Avneet Saini	Machine Learning and AI-Guided Design and Validation of Cost-Effective Next-Generation Antimicrobial Peptides Against Multidrug Resistant Pathogens	Panjab University,	Chandigarh, Chandigarh
303	IIRPSG-2025-01-04457	Dr Anshuman Elhence	Brief intervention for tobacco addiction in addition to standard of care for pain relief in chronic pancreatitis: A parallel group, superiority, randomized trial	Sanjay Gandhi Postgraduate Institute of Medical Sciences,	Lucknow, Uttar Pradesh
304	IIRPSG-2025-01-04462	Dr Suchandra Banerjee	HySeM: A Hyperspectral optical Sectioning Microscope for non-invasive, longitudinal 3D monitoring of growth and viability in NAFLD organoid model	AMITY UNIVERSITY UTTAR PRADESH,	Gautam Buddha Nagar, Uttar Pradesh
305	IIRPSG-2025-01-04463	Prof Abhijit De	CTC-GLOWTECH: Development of a reporter-based liquid biopsy application in preclinical mouse model	Tata Memorial Centre (TMC), Advanced Centre for Treatment, Research and Education in Cancer (ACTREC),,,	Raigad, Maharashtra
306	IIRPSG-2025-01-04524	Dr Reeshu Gupta	Investigating the role of sodium modulation in enhancing Lenvatinib sensitivity and overcoming Lenvatinib resistance in Hepatocellular Carcinoma Cells.	Parul University,	Vadodara, Gujarat
307	IIRPSG-2025-01-04526	Dr Sheetal Verma	Metagenomic Profiling of the Gut Microbiome in Guillain-Barré Syndrome: Identifying Dysbiosis and Potential Biomarkers	King George Medical University,	Lucknow, Uttar Pradesh

308	IIRPSG-2025-01-04529	Dr Bhavneet Bharti	A Targeted school-based intervention for Adverse Childhood Experiences: Integrating Trauma-Informed Care to Promote Mental Health and Mitigate NCD risk in Indian Adolescents	BR Ambedkar Institute of Medical Sciences,	S.A.S Nagar, Punjab
309	IIRPSG-2025-01-04548	Dr Chinmaya Mahapatra	Development of Spiral Redox-Magnetized AlgaeBots (MABs) for guided delivery in Wagner grade 3 Diabetic Foot Ulcer and retrieval to evaluate antimicrobial resistance profiles	National Institute of Technology,	Raipur, Chhattisgarh
310	IIRPSG-2025-01-04569	Prof Samrat Mukhopadhyay	High-Throughput Identification of Small-Molecule Modulators of Abnormal Phase Separation of Fusion Oncoproteins Involved in Acute Myeloid Leukemia	Indian Institute of Science Education and Research (IISER),	Rupnagar, Punjab
311	IIRPSG-2025-01-04589	Dr Sunil Shetty	Investigating the regulation of protein synthesis by a glucose metabolizing enzyme in hepatocellular carcinoma	Tata Memorial Centre, Advanced Centre for Treatment, Research & Education in Cancer (ACTREC)	Raigad, Maharashtra
312	IIRPSG-2025-01-04590	Dr Ratnasekhar Ch	Preclinical evaluation and lead optimization of identified turmerone and its pyrazole derivatives targeting Parkinson's Disease	CSIR-Central Institute of Medicinal Aromatic Plants (CSIR-CIMAP),	Lucknow, Uttar Pradesh
313	IIRPSG-2025-01-04611	Prof Amit Kumar Jaiswal	Harnessing Artificial Intelligence and 3D Tissue Engineering for Precision Drug Screening in Giant Cell Tumor of Bone: Next-Gen Tumor Therapeutics	Vellore Institute of Technology,	Vellore, Tamil Nadu
314	IIRPSG-2025-01-04618	Dr Ritesh Amol Fule	Engineering Lipid Nanoparticle-Based PROTAC Delivery Systems for Precision Targeting of Breast Cancer Oncoproteins	Dadasaheb Balpande College of Pharmacy, Besa, Nagpur,	Nagpur, Maharashtra
315	IIRPSG-2025-01-04638	Prof Ajoy Roychoudhury	Alloplastic total temporomandibular joint prosthesis in pediatric patients: a clinical trial	All India Institute of Medical Sciences, Delhi,	South, Delhi

316	IIRPSG-2025-01-04639	Prof Rohit Bhatia	Comparative Efficacy of Maintenance immunomodulatory therapies in Myelin Oligodendrocyte Glycoprotein antibody associated disease - an open label randomised controlled trial with blinded outcome (CEM-MOG study)	All India Institute of Medical Sciences, Delhi,	South, Delhi
317	IIRPSG-2025-01-04656	Prof Shivaprakash M Rudramurthy	Protein-Based Point-of-Care test for early detection of Invasive Mucormycosis	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
318	IIRPSG-2025-01-04689	Dr Riyaz Ahmad Mir	Restoring Hearing Loss via CRISPR-Based Adenoviral Integration of SLC26A4 at a Genomic Safe Harbor Locus	All India Institute of Medical Sciences, Delhi,	South, Delhi
319	IIRPSG-2025-01-04694	Dr Deepa Bhaskaran	Development and Validation of a Tool for Assessing Grief among Parents of Children with Autism Spectrum Disorders	CHILD DEVELOPMENT CENTRE,	Thiruvananthapuram, Kerala
320	IIRPSG-2025-01-04695	Dr Reshmi C R	Designing of Biomimetic and Osteogenic Nanocomposite Bone Glue for Post-Traumatic Fracture Fixation and Healing	Amrita Institute of Medical Sciences,	Ernakulam, Kerala
321	IIRPSG-2025-01-04699	Dr Akhilesh Kumar Yadav	Exploring the Role of Peptidoglycan Homeostasis and Plasticity in Antimicrobial Resistance of Aquatic and Soil Microbes	CSIR-Indian Institute of Toxicology Research(CSIR-IITR),	Lucknow, Uttar Pradesh
322	IIRPSG-2025-01-04705	Dr Pranay Tanwar	Next-Generation Tumor Organoids and Allogeneic CAR T-Cells: A Dual Approach to Enhance Treatment Efficacy in Metastatic TNBC	All India Institute of Medical Sciences, Delhi,	South, Delhi
323	IIRPSG-2025-01-04714	Dr Rakesh Kumar	Exploring IVIg Resistance in Kawasaki Disease: Investigating Unresponsiveness to IVIg through Bulk and single-cell RNA Sequencing Technologies.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
324	IIRPSG-2025-01-04745	Prof Deepak Sharma	Development of a machine-learning based diagnostic tool for predicting carcinoma cervix on ultrasonography and MRI	Indian Institute of Technology (IIT) Roorkee,	Haridwar, Uttarakhand
325	IIRPSG-2025-01-04767	Dr Chandrashekhara S H	Development of robotic manipulator system for interventional radiology	All India Institute of Medical Sciences, Delhi,	South, Delhi

326	IIRPSG-2025-01-04772	Prof Maneesh Singhal	Development and validation of point of care smartphone based cyanide detection kit for inhalation burns	All India Institute of Medical Sciences, Delhi,	South, Delhi
327	IIRPSG-2025-01-04797	Dr Kulwant Singh	Engineering Signalling Domain to improve Therapeutic Potential of Indigenously Developed Humanized Anti-CD19 CAR T-cells	Sanjay Gandhi Postgraduate Institute of Medical Sciences,	Lucknow, Uttar Pradesh
328	IIRPSG-2025-01-04817	Prof Jitendra Kumar Sahu	Comparison of telemedicine versus in-person follow-Up in children with infantile epileptic spasms syndrome (IESS): A Randomized controlled trial (Tele-IESS Trial)	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
329	IIRPSG-2025-01-04838	Prof V K Sashindran	Lhungrak: Effect of Sandstorms on the Respiratory Health of Residents of Ladakh	K S Hegde Medical Academy,	Dakshina Kannada, Karnataka
330	IIRPSG-2025-01-04890	Dr Smita Pattanaik	GMP validation and Non-clinical Toxicity Evaluation of the Buccomucosal adhesive Patch of Tacrolimus for the First-in-Human study in Patients with Renal Transplantation	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
331	IIRPSG-2025-01-04896	Dr Prasenjit Das	Overcoming Treatment Resistance in Stage IV Gallbladder Cancer: Personalized Chemotherapy via Patient-Derived Organoid Model in Collagen-Enriched Matrices for Accurate Prediction of Treatment Outcome	All India Institute of Medical Sciences, Delhi,	South, Delhi
332	IIRPSG-2025-01-04898	Dr Lakshminarayanan Gowtham	Evaluation of Next-Generation Antifungal Agents for Standardized Ophthalmic Applications in Filamentous Fungal Keratitis Management	LV Prasad Eye Institute, Hyderabad,	Hyderabad, Telangana
333	IIRPSG-2025-01-04916	Dr Nadeem Shabir	Pandemic-Ready Avian influenza vaccine platform with Rapid Adaptability to Multiple viral genotypes affecting a Broad range of Hosts	Sher-e-Kashmir University of Agricultural Science & Technology, Srinagar,	Srinagar, Jammu & Kashmir
334	IIRPSG-2025-01-04952	Dr Nidhan Kumar Biswas	Translational Decoding of TCR-Neoantigen Dynamics in Oral Precancerous Lesions Progression towards frank cancer: Integrating Spatial Sequencing and AI for Early Prediction Biomarker Development	National Institute of Biomedical Genomics,	Nadia, West Bengal

335	IIRPSG-2025-01-04963	Dr Subhankar Sarkar	Mycophenolate Mofetil as a Maintenance Immunosuppressant after Rituximab in Steroid-Dependent or Frequently Relapsing Nephrotic Syndromes: Multi-Centre Randomized Control Trial	All India Institute of Medical Sciences Kalyani,	Nadia, West Bengal
336	IIRPSG-2025-01-04969	Dr Ashutosh Kumar	Regenerating Compressed nerves using Mesenchymal Stem Cell-Collagen Scaffold via Tunneling Nanotube-Mediated Mitochondrial Transfer	NIPER (National Institute of Pharmaceutical Education and Research), Mohali,	S.A.S Nagar, Punjab
337	IIRPSG-2025-01-04982	Dr Neha Arya	Lung-Gut Axis Response to Environmental Pollutants: Integrating Central India Cohort Data with 3-D Bioprinted Organoid-on-a-Chip Platform	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
338	IIRPSG-2025-01-04994	Dr Avinash Vyankoba Choudekar	Identification of immunological and virological determinants associated with progression to chronic arthritis in chikungunya virus infected patients.	All India Institute of Medical Sciences, Delhi,	South, Delhi
339	IIRPSG-2025-01-05043	Prof Balaram Ghosh	Development of aspirin hybrids for dual targeting of cyclooxygenase and histone deacetylase as treatments for colitis-associated colorectal cancer (CAC).	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana
340	IIRPSG-2025-01-05046	Prof Bagavandas Mappillairaju	Developing a Predictive Model and Smartphone Application for Early Detection of Gestational Diabetes Mellitus Using Survival Analysis: A Multicentric Study	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY),	Chengalpattu, Tamil Nadu
341	IIRPSG-2025-01-05124	Dr Prabhu B Patil	DRIVE-Smc: DNA markers for Rapid Identification of hyperVirulent, Extensively drug-resistant Stenotrophomonas maltophilia complex	CSIR-Institute of Microbial Technology(CSIR-IMTECH),	Chandigarh, Punjab
342	IIRPSG-2025-01-05125	Dr Amar Ramchandra Mohite	Cavitand-Based Cationic Supramolecular Systems for Targeted Biofilm Disruption and Antimicrobial Resistance Mitigation	Krishna Institute of Medical Sciences,	Satara, Maharashtra

343	IIRPSG-2025-01-05157	Dr Parmatma Prasad Tripathi	Validation and development of an Indian Immunoabsorption cartridge for the justifiable, cost-effective, and prudent Astute approach for the treatment of Guillain-Barre Syndrome (VIJAY)	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
344	IIRPSG-2025-01-05171	Dr Tuli Dey	Development of an interactive Microfluidics device to replicate Breast cancer spheroid/organoid-Stromal cell Communication and screen chemo/immunotherapeutic agents.	Savitribai Phule Pune University,	Pune, Maharashtra
345	IIRPSG-2025-01-05175	Dr Debadatta Mohapatra	Comparison of accelerated intermittent theta burst stimulation vs High frequency transcranial magnetic stimulation (Hf-rTMS) on cognitive symptoms in treatment-resistant schizophrenia: DB-RCT	All India Institute of Medical Sciences, Bhubaneswar,	Khorda, Odisha
346	IIRPSG-2025-01-05197	Prof Bramanandam Manavathi	Combined targeting of hypoxia and calcium signaling to mitigate phenotypic plasticity and tumor heterogeneity in breast cancer	University of Hyderabad,	Rangareddi, Telangana
347	IIRPSG-2025-01-05203	Dr Rajath Rao	Does 'Healthcare Education And Learning for Tuberculosis (HEAL-TB)' among Treatment Supporters improve Tuberculosis Outcomes An Implementational Research in Coastal Districts of Karnataka	Kasturba Medical College,	Dakshin Kannada, Karnataka
348	IIRPSG-2025-01-05212	Dr Shilpa Sharadkumar Gupta	Forced Oscillation Technique (FOT), a novel non- invasive tool for an early detection of Small airways dysfunction in Sickle Cell Disease -A Case-Control study	All India Institute of Medical Sciences, Nagpur,	Nagpur, Maharashtra
349	IIRPSG-2025-01-05228	Dr Senthil Visaga Ambi	To study the role of Viper Metalloproteinases (SVMP) in Extracellular matrix degradation, inflammation contributing to disruption of microvascular stability and local tissue damage during envenomation	Shanmugha Arts Science Technology & Research Academy (SASTRA),	Tiruvallur, Tamil Nadu
350	IIRPSG-2025-01-05261	Dr Narendra Kumar	Development of a rapid test kit for multiplexed detection of clinically identified protein biomarkers for differentiation between viral and bacterial infections	Centre of Biomedical Research,	Lucknow, Uttar Pradesh

351	IIRPSG-2025-01-05275	Dr Shashank Kumar Maurya	Assessing the Neuroprotective Mechanisms of Mesenchymal Stem Cell-Derived Exosomes in Type 2 Diabetes – A Proof-of-Concept Investigation	University of Delhi,	North Delhi, Delhi
352	IIRPSG-2025-01-05284	Dr Suma Radhakrishnan	Prevalence and genetic susceptibility of Noise-induced hearing loss among auto drivers of Kozhikode - A cross-sectional study	Government Medical College,	Kozhikode, Kerala
353	IIRPSG-2025-01-05287	Dr Prasenjit Das	Molecular Profiling of cell-free DNA for Therapeutic Decision-making and Monitoring of Locally Advanced Rectal Cancers	All India Institute of Medical Sciences, Delhi,	South, Delhi
354	IIRPSG-2025-01-05288	Dr Kumar E	Multi centric study on Prevalence, Antimicrobial Resistance, Disinfectant Efficacy, and Genomic Characterization of Nontuberculous Tuberculosis Mycobacteria (PARDiG-NTM Study).	LEPRA Society-Blue Peter Public Health and Research Centre, Hyderabad,	Medchal, Telangana
355	IIRPSG-2025-01-05308	Prof Ashwani Kumar	Understanding the molecular basis of Bedaquiline resistance in Mycobacterium tuberculosis	CSIR-Institute of Microbial Technology(CSIR-IMTECH),	Chandigarh, Punjab
356	IIRPSG-2025-01-05346	Dr Supriya Suresh Shinde	Establishing normative range of salivary chloride and diagnostic utility of salivary chloride detection strips to screen children with Cystic Fibrosis in resource-limited settings	Manipal Hospital,	Bengaluru Urban, Karnataka
357	IIRPSG-2025-01-05347	Prof Mohammad Zahid Ashraf	Discovery of Novel NLRP3 Inflammasome Inhibitors for Thrombosis Prevention	Jamia Millia Islamia University,	South, Delhi
358	IIRPSG-2025-01-05387	Dr Arvind Kumar	Evaluation of Aspergillus specific Cell free DNA PCR for diagnosis of invasive pulmonary aspergillosis: A diagnostic test validation study	All India Institute of Medical Sciences, Delhi,	South, Delhi
359	IIRPSG-2025-01-05389	Dr Narendra Kumar Verma	Title: Unraveling the Glycophagy Receptors: Targeting HSF1–STBD1 axis to Manage Metabolic Homeostasis in Diabetes-Induced Fatty Liver	Centre of Biomedical Research,	Lucknow, Uttar Pradesh

360	IIRPSG-2025-01-05400	Dr Seema Singhal	A randomised controlled trial evaluating the impact of multimodal home based personalised PREhabilitation on Nutrition and PERI-operative outcomes in women with OVARIan malignancy (PREPARE-OVARY study)	All India Institute of Medical Sciences, Delhi,	South, Delhi
361	IIRPSG-2025-01-05403	Dr Abha Sharma	Synthesis and photophysical characterization of the functionalized fluorescent probe for the early-stage detection of Alzheimer's disease biomarker: In vitro study.	National Institute of Pharmaceutical Education and Research (NIPER), Lucknow,	Lucknow, Uttar Pradesh
362	IIRPSG-2025-01-05406	Dr Akash Agarwal	A community based study to evaluate impact of mobile phone application (GREAT App) in reducing referral delays in gallbladder cancers detected after simple cholecystectomy	Dr. Ram Manohar Lohia Institute of Medical Sciences,	Lucknow, Uttar Pradesh
363	IIRPSG-2025-01-05421	Dr Sai Balaji Andugulapati	Development of a Polyphenol-Probiotic Co-Encapsulation System for Effective COPD Treatment: Preclinical Validation Using a Gut-Lung Axis-on-Chip Platform and a Rat Smoke Model	CSIR-Indian Institute of Chemical Technology(CSIR-IICT),	Hyderabad, Telangana
364	IIRPSG-2025-01-05428	Prof Rajakumara Eerappa	Evaluation of non-hydrolysable and non-canonical cyclic mononucleotides against sperm phosphodiesterases for enhancing sperm functions, and to reduce gamete and embryo toxicity for assisted reproductive technology	Indian Institute of Technology Hyderabad,	Sangareddy, Telangana
365	IIRPSG-2025-01-05429	Dr Rohan R Mahale	Discovery of exosomal Micro RNAs (miRNAs) in early Parkinson's disease and progressive supranuclear palsy and Insights into their target pathways for novel therapeutic targets	National Institute of Mental Health and Neurosciences,	Bengaluru Urban, Karnataka
366	IIRPSG-2025-01-05435	Mr Yuvraj Singh	Development, Safety Evaluation, and Clinical Validation of a Thermosensitive In-Situ Gel for Dry Socket Management and Bone Regeneration	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana

367	IIRPSG-2025-01-05451	Dr Rajni Sharma	Efficacy of Myoinositol in decreasing hyperandrogenism and establishing menstrual regularity in adolescent girls with Polycystic Ovarian Syndrome (PCOS): a Randomized Controlled Trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
368	IIRPSG-2025-01-05461	Dr Rajeev Singh	Deciphering the Role of Oral Microbiota and Genetic Polymorphisms in Prognosis and Pathogenesis of Oral Squamous Cell Carcinoma in NorthWestern Plain zone in India	Jamia Millia Islamia University,	South, Delhi
369	IIRPSG-2025-01-05483	Dr Yogendra Pratap Singh	Bio-SLIM: Ultrasound-Assisted Bioprinting for In Vitro Modeling of Insulin Resistance in Type 2 Diabetes	Vellore Institute of Technology,	Vellore, Tamil Nadu
370	IIRPSG-2025-01-05489	Dr Kaja Mohideen A	Building a Large-Scale Cloud Image Dataset for Indian Breast Cancer Diagnosis: Benchmarking Machine Learning-Based CAD Systems	Vellore Institute of Technology, Chennai,	Chennai, Tamil Nadu
371	IIRPSG-2025-01-05497	Dr Arvind Kumar Sharma	Role of Platelet-Rich Fibrin and Off-Loading in Diabetic Foot Ulcer Management: A Randomized Controlled Trial	All India Institute of Medical Sciences, Rae Bareli,	Rae Bareli, Uttar Pradesh
372	IIRPSG-2025-01-05519	Dr Anant Ramaswamy	Bevacizumab plus Erlotinib maintenance therapy versus observation in advanced BTC - two arm open label prospective integrated Phase II/III parallel design superiority clinical trial.	Tata Memorial centre,	Mumbai, Maharashtra
373	IIRPSG-2025-01-05526	Dr Dr. Binesh Lal Y	Identification of Machine Learning Driven Candidate Biomarkers of Antibiotic Resistance Pseudomonas aeruginosa Infections: A Multi-Omics based approach on Chronic Lung Disease	Christian Medical College, Vellore,	Vellore, Tamil Nadu
374	IIRPSG-2025-01-05531	Dr Nabanita Nirmolia	Determinants of TB infection and Enablers and barriers to TB preventive therapy among indigenous community of North East: A multicentric study.	Assam Medical College,	Dibrugarh, Assam
375	IIRPSG-2025-01-05573	Dr Kausar Mahmood Ansari	Defining the role of Zearalenone, mycoestrogen-induced extracellular vesicles, and their cues in endometrial carcinogenesis	CSIR-Indian Institute of Toxicology Research(CSIR-IITR),	Lucknow, Uttar Pradesh

376	IIRPSG-2025-01-05616	Dr Rayees Najib	Transcranial Doppler-Based Autoregulation Indices for Personalized Cerebral Perfusion Pressure Management in Traumatic Brain Injury: Correlation with Brain Injury Biomarkers and Clinical Outcomes	Government Medical College,	Srinagar, Jammu & Kashmir
377	IIRPSG-2025-01-05617	Dr Ankit Srivastava	Clinically adaptable pipette-driven microchamber array chip for rapid blood-based quantitative diagnosis of Parkinson's disease	Manipal University Jaipur,	Jaipur, Rajasthan
378	IIRPSG-2025-01-05621	Dr Neha Choudhary	Integration of Mental Health in Maternal Care: A cohort study on Postpartum Depression, social support and child development in District Samba of Jammu and Kashmir	All India Institute of Medical Sciences, Jammu,	Samba, Jammu And Kashmir
379	IIRPSG-2025-01-05624	Dr Rajesh Kumar Yadav	Delineating the genetic interactions between Histone Demethylases and DNA damage repair genes to develop personalized tumour detection and treatment.	National Institute of Immunology,	South, Delhi
380	IIRPSG-2025-01-05681	Dr Soumya Ghoshal	Integrating Telemedicine with Capacity Building to Improve Trauma Care Service in Tribal and Rural Blocks of Central India: A Pre- and Post-Quasi Experimental Study Design	All India Institute of Medical Sciences, Nagpur,	Nagpur, Maharashtra
381	IIRPSG-2025-01-05691	Prof Rituparna Sinha Roy	Design of peptide-based checkpoint inhibitors for affordable targeted immuno-combination therapy	Indian Institute of Science Education and Research (IISER),	Nadia, West Bengal
382	IIRPSG-2025-01-05702	Dr Arti Sharma	Comparative and Functional Analysis of cfDNA, cfmiRNA, cirRNA - miRNA - mRNA networks in pathogenesis and progression of Alzheimer's disease	Central University of Punjab,	Bathinda, Punjab
383	IIRPSG-2025-01-05706	Prof Venkata Vamsi Krishna Venuganti	Development and Preclinical Evaluation of 3D Printed Mucoadhesive Gastric Patch for Once-in-a-Month Vitamin D3 Oral Administration	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana
384	IIRPSG-2025-01-05750	Dr Alok Chandra Bharti	Development and Clinical Validation of STAT3-HPV FlowFISH Assay for Detection of Progressive Cervical Lesions with Persistent HPV16 Infection	University of Delhi,	North Delhi, Delhi

385	IIRPSG-2025-01-05753	Dr Krishnendu Chakraborty	To investigate the role of mitochondrial DAMP-Cardiolipin in influencing monocyte/macrophage function in ARDS patients	CSIR-Institute of Genomics and Integrative Biology(CSIR-IGIB),	South, Delhi
386	IIRPSG-2025-01-05756	Dr Haridas Baburao Rode	Design, synthesis and evaluation of orally active 2-pyridyl amide derivatives as anti-tuberculosis agents	CSIR-Indian Institute of Chemical Technology(CSIR-IICT),	Hyderabad, Telangana
387	IIRPSG-2025-01-05767	Prof Ranju Bansal	Development of Novel Steroidal Dual-Target Inhibitors to Overcome Endocrine Resistance in Hormone-Positive Breast Cancer	Panjab University,	Chandigarh, Chandigarh
388	IIRPSG-2025-01-05778	Dr Punam Verma	Holistic Lifestyle Intervention (Structured Vs Routine Care) In Adolescent Girls With Polycystic Ovarian Syndrome: A Randomized Controlled Trial	All India Institute of Medical Sciences, Bilaspur,	Bilaspur, Himachal Pradesh
389	IIRPSG-2025-01-05796	Dr Sharvan Sehrawat	Scaling up the production of engineered therapeutic dengue virus neutralizing nanobodies	Indian Institute of Science Education and Research (IISER),	Rupnagar, Punjab
390	IIRPSG-2025-01-05804	Dr Gowri Manohari Balachander	Development of novel biomaterial strategies to repair chronic wounds via regeneration of the skin microbiome	Indian Institute of Technology (Banaras Hindu University),	Varanasi, Uttar Pradesh
391	IIRPSG-2025-01-05813	Dr Sudeshna Saha	Examining Sialic Acid Cleavage, Uptake, and Its Role in Molecular Mimicry and Host Attachment by Acinetobacter baumannii to Identify Therapeutic Targets in Host-Pathogen Interactions	SRM University,	Guntur, Andhra Pradesh
392	IIRPSG-2025-01-05816	Prof Indu Verma	DNA exonuclease TREX1 in suppressing cytosolic and cell-free mitochondrial DNA driven immune-activation in aging and osteoarthritis: A Potential therapeutic target	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
393	IIRPSG-2025-01-05828	Dr Ratika Samtani	Assessing Climate Change Risk, Vulnerability, and Adaptation among Tribal Communities in India: An Exploratory Study on Indigenous Knowledge and Resilience	International Institute of Health Management Research,	South, Delhi

394	IIRPSG-2025-01-05854	Dr Soumya Jagannath Mahapatra	Effect of Timing of biliary drainage (urgent versus early) in severe Acute Cholangitis on recovery: A multi-centre, open label randomized controlled trial (ACT trial)	All India Institute of Medical Sciences, Delhi,	South, Delhi
395	IIRPSG-2025-01-05877	Dr Tina Mukherjee	Investigating how anthropophilia mediated changes in mosquito's physiology leads to the emergence of vector competence	Institute for Stem Cell Science and Regenerative Medicine,	Bengaluru Urban, Karnataka
396	IIRPSG-2025-01-05894	Dr Shivangi Giri	A Digital Twin Approach for Personalized Assessment of Knee Osteoarthritis	National Institute of Technology,	Raipur, Chhattisgarh
397	IIRPSG-2025-01-05898	Dr Priyanka Jain	Deep learning-based model for predicting lncRNA/microRNA/mRNA interactive axis to identify potential prognostic markers in breast cancer	AMITY UNIVERSITY UTTAR PRADESH,	Gautam Buddha Nagar, Uttar Pradesh
398	IIRPSG-2025-01-05899	Dr Aniruddha Basu	Malignancy related Distress and Other Stress Healing Initiative (M-DOSTHI): Development and Clinical Validation of a Novel Virtual Assistant for Psychosocial Intervention in Oncology Patients	All India Institute of Medical Sciences Kalyani,	Nadia, West Bengal
399	IIRPSG-2025-01-05900	Dr Nidhi Subhash Chandra	Preclinical Evaluation of the Adjunct Therapeutic Potential of Terminalia chebula against Multidrug-Resistant ESKAPE Pathogens	Ram Lal Anand College,	South, Delhi
400	IIRPSG-2025-01-05956	Dr Vinay Kumar Gupta	Empowering Mothers for Infant/Toddlers Oral Health: An Educational Intervention at a Tertiary Care Immunization Center	King George Medical University,	Lucknow, Uttar Pradesh
401	IIRPSG-2025-01-05968	Dr Nidhi	Pharmacological Targeting and Mechanistic Crosstalk Between Behavioral Aspects and Cerebral Neuroinflammation in Autism Spectrum Disorder	Jamia Hamdard,	South, Delhi
402	IIRPSG-2025-01-05975	Dr Sembagamuthu Sembiah	Improving Adolescent Sexual Health: A Cluster Randomized Trial Comparing the Effectiveness of Sex Education Delivered by Parents, Teachers, Peers, and a Multistakeholder Integrated Approach.	All India Institute of Medical Sciences Kalyani,	Nadia, West Bengal

403	IIRPSG-2025-01-05980	Dr Naveen Yp	Development of encapsulation formulation for insulin-secreting artificial spheroids	Adichunchanagiri University,	Mandya, Karnataka
404	IIRPSG-2025-01-06068	Dr Archana Kumari	Optimising Letrozole Dose and Duration for Ovulation Induction in Infertile Women with PCOS: A Multicentric, Triple-Blind, Placebo-Controlled RCT (OLIO-PCOS Trial)	All India Institute of Medical Sciences, Delhi,	South, Delhi
405	IIRPSG-2025-01-06081	Dr Kamalakannan Vijayan	Structure-Guided Discovery of Next-Generation Multistage Allosteric CLK3 Inhibitors for Malaria Therapeutics	Indian Institute of Science Education and Research (IISER),	Thiruvananthapuram, Kerala
406	IIRPSG-2025-01-06094	Prof Jyoti Sharma	A study of the utilization of Food Delivery Applications, its regulatory framework and Implications for NCD burden in Delhi NCR, Bhubaneswar and Shillong	Indian Institute of Public Health Delhi,	Gurgaon, Haryana
407	IIRPSG-2025-01-06102	Dr Souvik Dey	Development of Glycogen Synthase Kinase 3 (GSK3)-Targeted Preventive Intervention In Support of Healthy Aging in Males	Manipal Academy of Higher Education,	Udupi, Karnataka
408	IIRPSG-2025-01-06114	Dr Debapriya Bhattacharya	Enhancing TB Treatment with Immunomodulatory Drug Repurposing: A Novel Strategy to Combat Drug Resistance and Shorten Treatment Duration	Indian Institute of Science Education and Research (IISER),	Bhopal, Madhya Pradesh
409	IIRPSG-2025-01-06139	Dr Rupasri Ain	FOXO4 is a pivotal regulator of trophoblast and placenta development: Implications in Intra-Uterine Growth Restriction (IUGR)	CSIR-Indian Institute of Chemical Biology(CSIR-IICB),	Kolkata, West Bengal
410	IIRPSG-2025-01-06141	Prof Sarit Sekhar Agasti	Targeted degradation of surface oncoproteins via bioorthogonal design of endocytosis-inducing chimeras: a precision biotherapeutic approach for lung and breast cancer	Jawaharlal Nehru Centre for Advanced Scientific Research,	Bangalore Urban, Karnataka
411	IIRPSG-2025-01-06144	Prof Bijay Kumar Meher	Efficacy of Intravenous Immunoglobulin versus Placebo in Combination with Standard Care for Children with Severe Adenoviral Pneumonia: A Randomized, Double-Blind, Multicenter Trial (IIMPACT Trial)	SCB Medical College & Hospital,	Cuttack, Odisha
412	IIRPSG-2025-01-06150	Prof Neetu Singh	Dual-responsive, non-invasive, high-throughput Sepsis Detection Device: SEPSOR	Indian Institute of Technology Delhi,	South, Delhi

413	IIRPSG-2025-01-06151	Dr Neeraj Kumar Mishra	Epigenetic Modulation of ATAD2 Bromodomain: A Precision Therapeutics Approach for Patient-Centric Cancer Treatment in Head, and Neck Malignancy	Gandhi Institute of Technology & Management (GITAM),	Visakhapatnam, Andhra Pradesh
414	IIRPSG-2025-01-06154	Prof Sheffali Gulati	Efficacy of Allogenic Umbilical Cord-Derived Mesenchymal Stem Cells in Functional Improvement of Children aged 1-8 years with Spastic Cerebral Palsy: A Randomised Double-Blind Placebo-Controlled Trial	All India Institute of Medical Sciences, Delhi,	South, Delhi
415	IIRPSG-2025-01-06204	Dr Chanchal Chaudhary	Mixed Reality in Stuttering (MiReSt) Intervention: An Extension and Utility Testing of ICMR- MiRAR in facilitating Treatment Generalization among Adolescents who Stutter	Kasturba Medical College,	Dakshin Kannada, Karnataka
416	IIRPSG-2025-01-06230	Dr Romit Saxena	Development and delivery of a pediatric transport curriculum and module	Maulana Azad Medical College & G B Pant Hospital,	Central Delhi, Delhi
417	IIRPSG-2025-01-06236	Dr Anil Tiwari	Exploring IL17C as a Therapeutic Agent for Persistent Corneal Epithelial Defect and Fibrosis	Dr. Shroff's Charity Eye Hospital,	Central Delhi, Delhi
418	IIRPSG-2025-01-06238	Prof Ashish Sharma	Exploring the inter-relationships between inhibitory immune checkpoint molecule expression, viral infection susceptibility, and graft outcomes in renal allograft recipients	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
419	IIRPSG-2025-01-06239	Prof Soutik Betal	Helical Micro-Capsules with Magnetoelectric Nanorobots for Precision Tumor Drug Delivery	Indian Institute of Technology Delhi,	South, Delhi
420	IIRPSG-2025-01-06243	Dr Sampathkumar Ranganathan	AI-driven molecular design and targeted drug delivery to prevent Myocilin aggregation associated with Glaucoma pathogenesis	Sankara Netralaya Medical Research Foundation,	Chennai, Tamil Nadu
421	IIRPSG-2025-01-06246	Dr Pramod K	Exploring the Effect of Stigma, Discrimination, and Determinants of Healthcare Access on Mental Health Challenges Among Key Populations in India: A Mixed-Methods Study	India HIV/ AIDS Alliance,	South, Delhi

422	IIRPSG-2025-01-06258	Dr Richa Shrivastava	Unravelling the Mechanism of Climatic Heat Stress-Induced Muscle Wasting: Comparative Evaluation of Rehydration and Heat Adaptive Strategies	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan
423	IIRPSG-2025-01-06262	Prof Pradeep Venkatesh	Retinal and Choroidal Biomarkers for Alzheimer's Disease and Cognitive Decline: Insights from In-vivo Imaging and Functional Assessment	All India Institute of Medical Sciences, Delhi,	South, Delhi
424	IIRPSG-2025-01-06268	Dr Rambha Pathak	Effectiveness of a multidisciplinary intervention in reducing frailty among the geriatric population: Randomised trial in a primary care setting	Government Institute of Medical Sciences,	Gautam Buddha Nagar, Uttar Pradesh
425	IIRPSG-2025-01-06291	Dr Vandana Milind Thorat	Investigating the Effects of Pesticide Combinations on Antimicrobial Drug Metabolism to understand the Contribution of Drug Transporters in the Development of Antimicrobial Resistance	KRISHNA VISHWA VIDYAPEETH DEEMED TO BE UNIVERSITY, KARAD,	Satara, Maharashtra
426	IIRPSG-2025-01-06294	Prof Anurag Mishra	Strengthening Palliative Care Integration in Comprehensive Primary care through Ayushman Arogya Mandir (Health and Wellness Centers) in Surguja District, Chhattisgarh, India	Maulana Azad Medical College & G B Pant Hospital,	Central Delhi, Delhi
427	IIRPSG-2025-01-06302	Dr Sridhar P	Impact of Environmental Microplastics and Nanoplastics on the Genesis and Progression of Renal Cell Carcinoma: A Case-Control Study	All India Institute of Medical Sciences, Delhi,	South, Delhi
428	IIRPSG-2025-01-06315	Dr Anamika Bose	LAMP3 and NRP1 as predictive biomarkers for PD-1 therapy-response in cancer and understanding the mechanisms of resistance development to design new strategies	NIPER (National Institute of Pharmaceutical Education and Research), Mohali,	S.A.S Nagar, Punjab
429	IIRPSG-2025-01-06352	Prof Nilesh Kumar	A prospective study to formulate an algorithm for diagnosis of Myelodysplastic Neoplasms using peripheral blood flowcytometry.	Institute of Medical Sciences (Banaras Hindu University),	Varanasi, Uttar Pradesh

430	IIRPSG-2025-01-06360	Dr Rahul Mahajan	Double-blind randomized controlled trial to assess the effectiveness and safety of oral acitretin versus combination of oral acitretin and injection ustekinumab in congenital ichthyosis	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
431	IIRPSG-2025-01-06363	Dr Venkata Suresh V	Development of Shape-Adaptive PLA Scaffolds functionalized with Allogenic Osteoblast-Derived Matrix for Alveolar Bone Regeneration in a Translational Minipig Model	Saveetha Institute of Medical and Technical Sciences,	Chennai, Tamil Nadu
432	IIRPSG-2025-01-06366	Dr Anil Jindal	Ferrous functionalized polymeric nanoparticles for targeting of antimalarial drug to plasmodium infected erythrocytes to improve malaria therapy	BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI,	Jhunjhunu, Rajasthan
433	IIRPSG-2025-01-06375	Prof Dr Deepak Agrawal	Accelerated production of Brain Organoids using RNA transfections and Microfluidics as a model for Traumatic Brain injury.	All India Institute of Medical Sciences, Delhi,	South, Delhi
434	IIRPSG-2025-01-06395	Prof Senthil Kumar Venugopal	A multi-omics approach to dissect the molecular mechanisms in the early onset of metabolic dysfunction associated alcoholic liver disease (MetALD).	South Asian University,	South, Delhi
435	IIRPSG-2025-01-06399	Dr Manoj Phalak	Multimodal Imaging and Organoid Modeling for Optimized GBM Surgery and CAR T-Cell Therapy	All India Institute of Medical Sciences, Delhi,	South, Delhi
436	IIRPSG-2025-01-06406	Dr Govinda Kapusetti	Cost-effective Microfluidics-based Point of Care Testing (POCT) Device for Early Differentiation Between Bacterial and Viral Infection	National Institute of Pharmaceutical education and research, Kolkata,	Kolkata, West Bengal
437	IIRPSG-2025-01-06408	Dr Sapna Pahil	Integrative Metagenomic and Metabolomic Profiling of Gut Dysbiosis in Kidney Transplant Recipients: Biomarker Discovery for Graft Health Assessment.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
438	IIRPSG-2025-01-06416	Dr Prasanna Thirunavukkarasu	Maternity Protection for Working Women of Urban Rajasthan: A Mixed Methods Explorative Study	All India Institute of Medical Sciences , Jodhpur,	Jodhpur, Rajasthan

439	IIRPSG-2025-01-06427	Prof Urmi Chatterji	“Preclinical evaluation of the effects of verteporfin in mice and on patient-derived breast cancer organoids”	University of Calcutta,	Kolkata, West Bengal
440	IIRPSG-2025-01-06428	Dr Nandakumar Venkatesan	Periodontium Targeted anti-miR Niosomal Delivery for Periodontal Regeneration in Indian population	Sri Ramachandra Institute of Higher Education and Research,	Chennai, Tamil Nadu
441	IIRPSG-2025-01-06456	Dr Roshni Mary Peter	Assessment of Childhood Injuries and development of ‘Mobile based Childhood Injury Prevention Toolkit’ (m-CHIPT) in Paniya Tribes of Nilgiris District.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY),	Chengalpattu, Tamil Nadu
442	IIRPSG-2025-01-06465	Prof Ashwin Kotnis Laxmikant Kotnis	Developing PoIQ - Proteolysis targeting chimeras (PROTAC) for treatment of head-neck cancers by inhibiting microhomology mediated end joining DNA repair pathway	All India Institute of Medical Sciences, Bhopal,	Bhopal, Madhya Pradesh
443	IIRPSG-2025-01-06468	Dr Kiran Kulkarni	Targeting BCL11A as treatment scenario for the Sick Cell Anemia	CSIR-National Chemical Laboratory(CSIR-NCL),	Pune, Maharashtra
444	IIRPSG-2025-01-06478	Dr Adarsh Wamanrao Barwad	“Optimized Gene Panel Identification for Kidney Transplant Rejection Using RNA Sequencing and Machine Learning-Based Clustering”	All India Institute of Medical Sciences, Delhi,	South, Delhi
445	IIRPSG-2025-01-06536	Dr Sachin Shukla	Mesenchymal Stem Cell-derived Extracellular Vesicles for Alleviating Ocular Surface Inflammation in Vernal Keratoconjunctivitis	Hyderabad Eye Research Foundation, L V Prasad Eye Institute,	Hyderabad, Andhra Pradesh
446	IIRPSG-2025-01-06538	Dr Parikshit Moitra	Multiplexed Low-Cost Point-of-Care Diagnostic Platform for Extended Blood Grouping Based on Genotype For Transfusion Dependent Patients	Indian Institute of Science Education and Research (IISER),	Ganjam, Odisha
447	IIRPSG-2025-01-06552	Dr Ashutosh Kumar Mishra	Designing synthetic flavopeptides as potent probe for FMN-riboswitches: a novel class of antibiotics against drug-resistant bacteria	Indian Institute of Technology Hyderabad,	Sangareddy, Telangana

448	IIRPSG-2025-01-06555	Dr Ramaraj P	Development of a novel thrombolytic drug candidates from the blowfly (Insecta: Diptera) larvae: implications for thrombosis disorders.	University of Allahabad,	Allahabad, Uttar Pradesh
449	IIRPSG-2025-01-06611	Prof Onkar Prakash Kulkarni	Investigation of LRG-1 as Biomarker and Development of PROTACs Targeting LRG-1 for Chronic Kidney Disease and Associated Cognitive Impairment: Design, Preclinical Assessment, and Therapeutic Potential	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus,	Medchal, Telangana
450	IIRPSG-2025-01-06613	Dr Kapil Dev	Deciphering novel and potent alkaloids from Withania somnifera (L.) Dunal seeds and their underlying molecular mechanism against hepatocellular carcinoma	CSIR-Central Institute of Medicinal Aromatic Plants(CSIR-CIMAP),	Lucknow, Uttar Pradesh
451	IIRPSG-2025-01-06620	Dr Manpreet Dhaliwal	Exploring Neutrophil Lineages in Kawasaki Disease: Immunophenotyping and Transcriptomic Insights for Targeted Therapies	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
452	IIRPSG-2025-01-06627	Dr Arunkumar Subbiah	Torque Teno Virus and Allograft Immune Surveillance Using Longitudinal Assessment of dd-cfDNA to determine Outcomes in Renal Transplantation (TAILOR Study)	All India Institute of Medical Sciences, Delhi,	South, Delhi
453	IIRPSG-2025-01-06639	Dr Pragya Agarwala	Decoding Carbapenem Resistant-Hypervirulent Klebsiella pneumoniae: Clinical and laboratory characterisation to develop an Artificial intelligence-based Clinical Decision Support system to predict outcomes	All India Institute of Medical Sciences, Raipur,	Raipur, Chattisgarh
454	IIRPSG-2025-01-06643	Dr Suman Chaurasia	Allogenic Umbilical Cord versus Adult RBC Concentrates Transfusion for Anemia in Preterm Neonates (AUmCARA-Neo)- a Randomized Controlled Trial	All India Institute of Medical Sciences, Rishikesh,	Dehradun, Uttarakhand
455	IIRPSG-2025-01-06653	Dr Bindhu Paul	Development of a clinical polygenic risk score for Indian transgender individuals based on an analysis of their genetic variants and their functional validation and significance	Amrita Institute of Medical Sciences,	Ernakulam, Kerala
456	IIRPSG-2025-01-06666	Prof Bhuputra Panda	An implementation Research Study for strengthening Rashtriya Kishor Swasthya Karyakram (RKSK) program in Odisha	Kalinga Institute of Industrial Technology,	Khordha, Odisha

457	IIRPSG-2025-01-06668	Dr Ramprasad Obula Giridhara Gopalan	Identification of regulatory tear microRNAs during keratoconus progression and evaluation of affected microRNAs in keratoconus corneas by the application of a therapeutic cross-linker	Aravind Medical Research Foundation,	Madurai, Tamil Nadu
458	IIRPSG-2025-01-06671	Dr Shukla Das	The Impact of MAIT17 Cells in Pediatric Pneumonia: A Comprehensive Exploration through Molecular, Cellular and Microbiota Analyses in Children under 5 Years of Age	University College of Medical Sciences & GTB Hospital,	East Delhi, Delhi
459	IIRPSG-2025-01-06683	Dr Sreya Majumdar	Strengthening Health Systems for Respectful Maternity Care: A Community-centered approach in Rural and Tribal, Telangana, India	George Institute for Global Health,	Hyderabad, Telangana
460	IIRPSG-2025-01-06700	Dr Ashish Kumar Kakkar	A Multi-Omic Investigation of Gut Microbiota in Parkinson's Disease and Evaluation of its Impact on Levodopa Metabolism and Efficacy	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
461	IIRPSG-2025-01-06706	Prof Prabudh Goel	Translational Transcriptomics for Novel Biomarkers and Personalized Therapeutic Interventions in a Common Pediatric Urogenital Anomaly	All India Institute of Medical Sciences, Delhi,	South, Delhi
462	IIRPSG-2025-01-06718	Dr Hepsi Bai Joseph	Mixed-method study on impact of climate-change on mental health among adolescents: Intended to implement climate resilience strategies through Ayushman Bharat's School Health and Wellness Program.	All India Institute of Medical Sciences, Bhubaneswar,	Khordha, Odisha
463	IIRPSG-2025-01-06784	Dr Manish Arora	Development, Testing, and Clinical Validation of a Novel Adaptive Stimulation Treatment Solution for Urinary Incontinence	Indian Institute of Science (IISc),	Bangalore Urban, Karnataka
464	IIRPSG-2025-01-06811	Prof K R Thankappan	Effectiveness of a multicomponent intervention utilizing digital technology on hypertension control in a fishing community in South India- A Pragmatic Cluster Randomized Controlled Trial	Amrita Institute of Medical Sciences,	Ernakulam, Kerala

465	IIRPSG-2025-01-06812	Dr Saniya Sharma	Molecular and immunological profiling in anti-phospholipid antibody positive systemic lupus erythematosus: a transcriptomic and proteomic-based study	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
466	IIRPSG-2025-01-06821	Dr Vignesh P	Mapping the genetic landscape and functional characterization of inborn errors of interferon-gamma dependent immunity in India	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
467	IIRPSG-2025-01-06845	Dr P Chandra Shekar	Optimizing In Vitro Maturation (IVM) of Oocytes Using Granulosa and Cumulus Cell-Derived Extracellular Vesicles and 3D-Printed Follicular Niches.	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB),	Hyderabad, Telangana
468	IIRPSG-2025-01-06878	Dr Sonali Mohapatra	Safety and efficacy of intravenous zoledronate versus oral alendronate for osteoporosis in children with transfusion dependent thalassemia: A phase III, multicentric randomized controlled trial	All India Institute of Medical Sciences, Bhubaneswar,	Khordha, Odisha
469	IIRPSG-2025-01-06894	Prof Bhuputra Panda	Mapping Vulnerability and Estimating Thresholds of Heat-Related Health Risks in Five Towns of Odisha: A Mixed-Methods Study	Kalinga Institute of Industrial Technology,	Khordha, Odisha
470	IIRPSG-2025-01-06907	Dr Vidhya Rekha U	Salivary Microbial Signatures in Tuberculosis and TBDM: A Non-Invasive Diagnostic Exploration	DR.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE,	Chennai, Tamil Nadu
471	IIRPSG-2025-01-06958	Ms Aarti Kumar	Early Visual Working Memory as a Predictor of Executive Function and Academic Outcomes in Rural Indian Children: A 10-year Longitudinal Follow-up Study	Community Empowerment Lab,	Lucknow, Uttar Pradesh
472	IIRPSG-2025-01-06964	Dr Prasenjit Mitra	Identification of biomarkers of Gestational Diabetes Mellitus (GDM) from placenta-derived extracellular vesicles (pEVs): An integrated proteomics and metabolomics approach.	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh
473	IIRPSG-2025-01-06981	Dr Mayur Bhimrao Kale	Therapeutic Potential of Agmatine in Sleep Deprivation-Induced Neurological Alterations in Mother and Offsprings	Smt. Kishoritai Bhoyar College of Pharmacy,	Nagpur, Maharashtra

474	IIRPSG-2025-01-07050	Dr Chandra Teja Reddy Singareddy	ROLE OF PET/CT WITH NOVEL PET TRACER ⁶⁸ Ga-WL12 IN PREDICTION OF RESPONSE TO PEMBROLIZUMAB PLUS NEOADJUVANT CHEMOTHERAPY IN EARLY TRIPLE-NEGATIVE BREAST CANCER	St John Research Institute A Unit of CBCI Society for Medical Education,	Bengaluru Urban, Karnataka
475	IIRPSG-2025-01-07079	Dr Dinesh Kumar Ahirwar	Targeting chemoresistant lung cancer by Slit2-mimicking peptides.	Indian Institute of Technology (IIT),	Jodhpur, Rajasthan
476	IIRPSG-2025-01-07117	Dr Vivek Gupta	Integrated model for Diabetic Retinopathy and Glaucoma Screening at Primary Level, and Referral for Management- An Operational Research	All India Institute of Medical Sciences, Delhi,	South, Delhi
477	IIRPSG-2025-01-07123	Dr Banumathy Nagamani	Efficacy of a Novel Newborn Hearing Screening Protocol and Universal Hearing Screening Protocol in Neonatal Intensive Care Unit (NICU) and Well Baby Infants	Postgraduate Institute of Medical Education & Research,	Chandigarh, Chandigarh