

**INVESTIGATOR INITIATED RESEARCH PROPOSALS FOR SMALL EXTRAMURAL GRANTS - 2023**

**List of Selected Projects**

- 1) The selection process for small grants for which the applications closed on 28/04/2023 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 CODAL formalities, including ethics approval, within 3 months of receipt of intimation of selection.
- 2) Please note that the selection of the project is not a guarantee of funding if the above conditions are not met in a timely manner.
- 3) Please note that no funds should be spent in anticipation before final approval and release of funds by ICMR.

Sr. No.	Proposal ID/ Version	Proposal Title	Principal Investigator	Institute
1	IIRP-2023-0061/F1	FNDC-CaMKII complex facilitate cardiac T-tubule synchronization through mitigating intercommunication of myocyte-endothelial cells in chemo-induced cardiac pathologies	Dr Biswanath Maity	Centre of Biomedical Research, Lucknow, Uttar Pradesh
2	IIRP-2023-0084/F1	Tunneling nanotubes in rescuing of neurodegenerative toxic burdens by facilitating glial cross-talk through cell-to-cell transfer and its role in reversal of senescence	Dr Sangeeta Nath	Manipal Institute of Regenerative Medicine, Bengaluru Urban, Karnataka
3	IIRP-2023-0086/F1	Revolutionizing Phototherapy with Hypoxia-Reversing Photothermal/ Photodynamic Nanoparticles-Laden In Situ Gel for Non-Invasive Tumor Ablation in Oral Cancer	Prof Swati Biswas	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
4	IIRP-2023-0102/F1	Development of patient derived organoid bio-bank as a resource for drug response studies and precision medicine applications in triple negative breast cancer	Dr Lokendra Kumar Sharma	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
5	IIRP-2023-0103/F1	Development of PCL-PMMA nanofiber reinforced composites and profiling of their oral microbiome for dental applications.	Dr Paulomi Ghosh	Presidency University, Kolkata, West Bengal
6	IIRP-2023-0123/F1	Randomized, Open labelled, Phase IIa /IIb Clinical trials to study the safety and efficacy of intravenous estrogen therapy in reducing the incidence of sepsis/septic shock in Trauma Hemorrhagic Shock patients	Prof Prof. Sanjeev Bhoi	All India Institute of Medical Sciences, Delhi

7	IIRP-2023-0133/F1	Role of an Ayurvedic treatment protocol as a prerequisite for In vitro fertilization in women with diminished ovarian reserve: elucidating mechanistic insights incorporating multi-omics approaches	Dr Muralidharan V	Amrita School of Biotechnology, Kollam, Kerala
8	IIRP-2023-0139/F1	In vitro and in vivo Evaluation of The Functionally-characterized Broad-spectrum Antifungal Cyclic Lipopeptides Homologues of the Bacillomycin D family and their synthetic analogs against Medically Important Mucorales	Prof Utpal Roy	Birla Institute of Technology and Sciences-Pilani, Goa Campus
9	IIRP-2023-0159/F1	IND compliance preclinical development of indanone based anticancer agent against breast cancer	Dr Arvind Singh Negi	CSIR-Central Institute of Medicinal Aromatic Plants (CSIR-CIMAP), Lucknow, Uttar Pradesh
10	IIRP-2023-0165/F1	Development of easy-to-use fibrin-based rapidly acting bleeding control biopolymer sheet	Dr Surendra Kumar Verma	All India Institute of Medical Sciences, Delhi
11	IIRP-2023-0173/F1	Implementation research of Tuberculosis-Patient Score Card (TB-PSC) led patient monitoring system of NTEP in public health facilities of a block of district Una, Himachal Pradesh.	Dr Dinesh Kumar	Dr. Rajendra Prasad Government Medical College, Kangra, Himachal Pradesh
12	IIRP-2023-0210/F1	HYPofractionated Adjuvant RadioTherapy in 1 versus 2 weeks in high risk patients with breast cancer (HYPART): A non inferiority, open label, randomized trial.	Prof Dr. Budhi Singh Yadav	Postgraduate Institute of Medical Education & Research, Chandigarh
13	IIRP-2023-0223/F1	Establishing bacteriophage library against multi drug resistance microbial species using clinical isolates.	Prof Mohan Chandra Joshi	Jamia Millia Islamia University, New Delhi
14	IIRP-2023-0227/F1	Targeting cytochrome bd oxidase (cyt-bd) inhibitor for the development of rational drug combination for complete sterilization of Mycobacterium tuberculosis	Dr Deepak Kumar	Indian Institute of Technology (Banaras Hindu University), Varanasi
15	IIRP-2023-0243/F1	Process scale-up, validation, preclinical and safety evaluation of intravaginal metformin hydrochloride thermosensitive gel in polycystic ovary syndrome	Dr Jitender Madan	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
16	IIRP-2023-0244/F1	Understanding the role and therapeutic potential of AC007128.1, an oncofoetal LncRNA in Non-Small cell lung cancer (NSCLC).	Dr Sudhanshu Shukla	Indian Institute of Technology (IIT), Dharwad
17	IIRP-2023-0253/F1	Targeted inhibition of hippocampal pyramidal neuron slow afterhyperpolarization response for ameliorating memory deficit in aging	Dr Giriraj Sahu	Indian Institute of Science (IISc), Bangaluru
18	IIRP-2023-0256/F1	Investigation of swallow fatigue and its impact on eating and drinking behaviors among older adults and post stroke individuals	Dr Radish Kumar B	Kasturba Medical College, Udupi, Karnataka

19	IIRP-2023-0267/F1	The Effect of a Multi-Domain Intervention On The Behaviour And Cognition In Children With Hypoglycemia Unawareness In Type-1 Diabetes Mellitus -A Randomized Control Trial	Dr Sangeetha Merrin Varghese	Believers Church Medical College Hospital, Pathanamthitta, Kerala
20	IIRP-2023-0310/F1	Clinical utility of Extracellular Vesicles as a miRNA delivery carrier for the treatment of Mutidrug Resistant Endophthalmitis	Dr Joveeta Joseph	LV Prasad Eye Institute, Hyderabad
21	IIRP-2023-0314/F1	In-house development and evaluation of recombinant antigen based immunoassays for the diagnosis of cystic echinococcosis	Dr Sumeeta Khurana	Postgraduate Institute of Medical Education & Research, Chandigarh
22	IIRP-2023-0323/F1	Effect of Anaesthetic Agents on Intestinal Microbiome and Cognition in Paediatric Patients Undergoing Elective Surgeries	Dr Anju Gupta	All India Institute of Medical Sciences, Delhi
23	IIRP-2023-0329/F1	Milk Extracellular Vesicles as Immunomodulators in Viral Clearance from Mother-Infant Dyad Interaction	Dr Sourish Ghosh	CSIR-Indian Institute of Chemical Biology(CSIR-IICB), Kolkata, West Bengal
24	IIRP-2023-0360/F1	4D Printing of Anti-Thrombotic Cardiovascular Graft for the Treatment of Coronary Artery Disease	Dr Kaushik Chatterjee	Indian Institute of Science (IISc), Bangaluru
25	IIRP-2023-0404/F1	Elucidating the therapeutic role of docetaxel-loaded-HSP70 peptide complex in PDX Mouse Model	Dr Prmaod Kumar Gautam	All India Institute of Medical Sciences, Delhi
26	IIRP-2023-0409/F1	Genetic variations for coronary artery abnormalities and treatment resistance in Indian children with Kawasaki disease using Next-Generation Sequencing: a multi-centric study	Dr Rakesh Kumar	Postgraduate Institute of Medical Education & Research, Chandigarh
27	IIRP-2023-0417/F1	An integrated drug discovery approach to identify new family of HIF-1 alpha mimetics for diabetic wound repair treatment	Dr Jubie S	JSS College of Pharmacy, Ooty, Tamil Nadu
28	IIRP-2023-0421/F1	A phase II randomized controlled trial to evaluate Prophylactic cranial radiation for patients with high-risk triple-negative breast cancer and correlation with pCTC and CSF CTC	Dr Supriya Mallick	All India Institute of Medical Sciences, Delhi
29	IIRP-2023-0433/F1	Reconstruction geometry optimization and methodology development for surgery planning of children suffering from Single Ventricular Heart disease, using Computational fluid dynamics evaluation for patient-specific vascular model acquired by MRI Scanning	Mr Saurabh S Nair	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala
30	IIRP-2023-0436/F1	Development of Antimicrobials Targeting Bacterial Cellular Membrane to Combat Multi-drug Resistance	Dr Harsha Bajaj	CSIR-National Institute For Interdisciplinary Science and Technology(CSIR-NIIST), Trivandrum, Kerala

31	IIRP-2023-0439/F1	Expansile duraplasty in patients with complete cervical spinal cord injury – A Prospective Randomized Open Blinded End-point (PROBE) Study	Dr Kanwaljeet Garg	All India Institute of Medical Sciences, Delhi
32	IIRP-2023-0461/F1	Evaluation of Improvement of Labour Room Quality and Effect of Video-based Postpartum Counselling Services in the First Referral Units of Bihar: A Facility-based Randomized Controlled Trial	Prof Chandramani Singh	All India Institute of Medical Sciences, Patna
33	IIRP-2023-0470/F1	Retinoblastoma and Brown Adipose Tissue: Identifying Novel Targets for Type 2 Diabetes Treatment	Dr Sowmya Parameswaran	Vision research foundation, Chennai, Tamil Nadu
34	IIRP-2023-0481/F1	Natural 1,2-benzopyrone-based small molecules as therapeutics for drug-resistant epilepsy – A multidisciplinary approach	Dr Srinivasa Prasad Kommajosyula	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
35	IIRP-2023-0498/F1	Delineating the role of phosphatidylinositol 3,5-bisphosphate [PI(3,5)P2] signalling in antifungal drug susceptibility	Dr Rupinder Kaur	Centre for DNA Fingerprinting and Diagnostics, Hyderabad, Telangana
36	IIRP-2023-0508/F1	Exploration of the Notch signaling pathway in regulating macrophage differentiation and IL-6 expression in deep vein thrombosis: Insights from Notch knockdown studies	Dr Ambika Binesh	Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam, Tamil Nadu
37	IIRP-2023-0533/F1	Identification of BBB permeable GSK3- $\beta$ inhibitors by virtual screening and evaluation of their potential in Alzheimer's disease therapy in vitro using activated microglia-SHSY5Y co-culture model.	Dr Asmita Dasgupta	Pondicherry University, Puducherry
38	IIRP-2023-0546/F1	Therapeutic Efficacy of Multimodal Imaging-Guided Brain Network Modulation through Personalized, Multisession, High-density Transcranial Direct Current Stimulation in Drug-Resistant Focal Epilepsy: A Double-Blind Sham-Controlled Study.	Dr Suriya Prakash Muthukrishnan	All India Institute of Medical Sciences, Delhi
39	IIRP-2023-0569/F1	Application of selective plant metabolites to modulate antibiotic efflux pump and inhibition of biofilm developed by antibiotic-resistant Escherichia coli liable for urine infection	Dr Dijendra Nath Roy	National Institute of Technology, Raipur
40	IIRP-2023-0571/F1	Maintenance Electroconvulsive therapy (ECT) versus aripiprazole on psychopathology and cerebral perfusion in clozapine-resistant schizophrenia: a randomized, single-blind controlled trial	Dr Biswa Ranjan Mishra	All India Institute of Medical Sciences, Bhubaneswar
41	IIRP-2023-0572/F1	A Rational Approach towards the Development of Dimetallic Assemblies as Metallo $\beta$ -Lactamase Inhibitors against Multi-drug Resistant Biofilm Forming Bacteria with Mechanistic Aspects	Dr Supratim Mandal	University of Kalyani, Nadia, West Bengal
42	IIRP-2023-0585/F1	Therapeutic Potential of Carnosic Acid in decreasing Astrocytic TREK1-mediated Excitotoxicity in Alzheimer's Disease	Dr Swagata Ghatak	National Institute of Science Education and Research, Khordha, Odisha

43	IIRP-2023-0594/F1	Development of a novel second generation synbiotic herbal formulation for the mitigation of obesity-induced metabolic and immune dysfunctions	Dr Rohit Sharma	Shoolini University of Biotechnology and Management Sciences, Solan, Himachal Pradesh
44	IIRP-2023-0601/F1	Diagnostic trial of a novel in-house developed Circulating Tumour Cells detection technique for Head and Neck Squamous Cell Carcinoma.	Dr Arnab Pal	Postgraduate Institute of Medical Education & Research, Chandigarh
45	IIRP-2023-0650/F1	Understanding the role of fibroblast-specific protein-1 (S100A4) in profibrotic and inflammatory pathways as a possible therapeutic target in managing endometriosis-associated fibrosis	Dr Rahul Dutta Dutta	Kasturba Medical College, Udupi, Karnataka
46	IIRP-2023-0655/F1	Personalized Mitochondria as a Therapeutic Vehicle: an Organelle Mediated Gene Delivery Platform for the Treatment of Alzheimer Disease	Dr Arunkumar Pitchaimani	Vellore Institute of Technology, Vellore, Tamil Nadu
47	IIRP-2023-0656/F1	Development of low-cost, portable, wearable full upper body EIT system for pulmonary function testing	Dr Mayank Goswami	Indian Institute of Technology (IIT), Roorkee
48	IIRP-2023-0657/F1	Decoding Speech Imagery in subjects with Post Stroke aphasia using consumer grade EEG devices”	Dr Subasree R	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
49	IIRP-2023-0675/F1	Development of Indigenous Artificial Intelligence based Oral cavity Imaging Device and Image analysis techniques for preliminary screening of Oral Cancer and precancer lesions.	Mrs Sonia Dosanjh	Centre for Development of Advanced Computing, Paraganas North, West Bengal
50	IIRP-2023-0678/F1	Smart-phone based non-invasive estimation of neonatal jaundice using machine learning methods: a development cum validation study	Dr Venkateshan Sundaram	Postgraduate Institute of Medical Education & Research, Chandigarh
51	IIRP-2023-0687/F1	Virtual screening using docking and molecular dynamics of estradiol-pyrimidine analogs against Mpro and ACE2 receptors: A possible therapeutic tool for COVID-19	Prof Mohammad Mumtaz Alam	Jamia Hamdard, New Delhi
52	IIRP-2023-0695/F1	Development of risk management and health monitoring system on ventilated neurotrauma patients using the concept of digital twins and probabilistic modelling.	Prof Dr Deepak Agrawal	All India Institute of Medical Sciences, Delhi
53	IIRP-2023-0710/F1	A novel method for rapid detection of antimicrobial resistance	Dr Pau Biak Sang	University of Delhi South Campus, New Delhi
54	IIRP-2023-0714/F1	Role of extra domain A fibronectin (EDA-FN) in myelopoiesis bias-mediated progression of the metabolic disease	Dr Prem Prakash	Jamia Hamdard, New Delhi

55	IIRP-2023-0715/F1	Combating fluoroquinolone-resistant in MRSA by novel antistaphylococcal isatin-di indolyl derivatives	Dr Avisek Mahapa	CSIR-Indian Institute of Integrative Medicine(CSIR-IIIM), Jammu, Jammu and Kashmir
56	IIRP-2023-0716/F1	Effectiveness of the AIIMS ICU Rehabilitation (AIR) intervention package facilitating supported discharge and family-led home-based care of chronically ill patients with a tracheostomy: a multicentric mixed methods study.	Dr Swagata Tripathy	All India Institute of Medical Sciences, Bhubaneswar
57	IIRP-2023-0721/F1	Opto-electrical transvaginal imaging probe for preinvasive cervical cancer diagnosis	Dr Dr Arpitha A	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
58	IIRP-2023-0725/F1	Bacteriophage and Metal Based Antimicrobial Therapy for the Bio-control of Multi-drug resistant (MDR) Zoonotic Bacterial Dairy Pathogens	Dr Raghu Vishweswaraiah	National Dairy Research Institute, Karnal, Haryana
59	IIRP-2023-0726/F1	Genotypic Diversity of Microbial flora in OXIS contacts of Primary Molars - A preliminary exploratory study	Dr Sumaiyya S	Satyabhama Institute of Science and Technology, Chennai, Tamil Nadu
60	IIRP-2023-0756/F1	Metagenomic and bioinformatic analysis of gut microbiota from Diabetic Nephropathy patients to identify novel diagnostic and prognostic biomarkers	Dr Deepak Kukkar	Chandigarh University, Rupnagar, Punjab
61	IIRP-2023-0758/F1	Exploring the Complex Influence of TGF $\beta$ -1 on Epithelial-to-Mesenchymal Transition, Angiogenesis, Therapy Resistance, and Microenvironment in Cervical Cancer	Prof Mahitosh Mandal	Indian Institute of Technology (IIT), West Bengal
62	IIRP-2023-0771/F1	Understanding human gut microbiome and its integration with immune profile and antimicrobial resistance incidence in pre, during, and post-COVID-19 subject cohorts using omics approach	Dr Punit Prasad	Institute of Life Sciences, Khordha, Odisha
63	IIRP-2023-0782/F1	Design and development of a machine learning enabled autofluorescence device for preoperative breast lump diagnosis and intraoperative breast tumor margin assessment.	Prof Krishna Kishore Mahato	Manipal School of Life Sciences, Udupi, Karnataka
64	IIRP-2023-0812/F1	NINJA: Non-invasive neonate jaundice estimation using artificial intelligence.	Dr Navdeep Kaur	Mehar Chand Mahajan D.A.V. College for Women, Chandigarh
65	IIRP-2023-0847/F1	Design, Development and Deployment of Deep Learning (Ensemble) Model for Lung Cancer Detection : A Retrospective Study	Dr Subrata Sinha	Dibrugarh University, Dibrugarh, Assam
66	IIRP-2023-0865/F1	Small molecule inhibitors to cripple mycobacterial "SOS" response mutagenic axis and combat antimicrobial resistance (AMR)	Dr Saravanan Matheshwaran	Indian Institute of Technology (IIT), Kanpur
67	IIRP-2023-0897/F1	Role of ALKBH family protein in promoting Triple-Negative Breast Cancer	Prof Anindya Roy	Indian Institute of Technology(IIT), Hyderabad

68	IIRP-2023-0898/F1	Utilizing the endogenous CRISPR-Cas system as an anti-pathogen strategy against antimicrobial-resistant Enteric pathogens	Dr Sandhya Amol Marathe	Birla Institute of Technology and Sciences-Pilani, Rajasthan Campus
69	IIRP-2023-0914/F1	ERR- $\gamma$ as a biomarker and therapeutic target for lung Cancer and to investigate the synergetic anti-tumor effect of DN200434 (ERR $\gamma$ inverse agonist) and MK2206 (Akt inhibitor) in lung cancer in vivo	Dr Thoudam Debraj Singh	All India Institute of Medical Sciences, Delhi
70	IIRP-2023-0918/F1	Assessment of Larvicidal Activity and Development of Potential Bioformulation of Entomopathogenic Nematodes Against Aedes and Anopheles spp.	Dr Istkhar	Banasthali Vidyapeeth, Tonk, Rajasthan
71	IIRP-2023-0927/F1	Integrated transcriptomics, metabolomics and microbiome signatures-based prediction of COPD patients at-risk of progressing to lung cancer	Prof Koel Chaudhury	Indian Institute of Technology (IIT), West Bengal
72	IIRP-2023-0940/F1	DNA Aptamer based sirtuin-I nanoformulation in the management of iron deficiency anemia	Dr Akhilesh Kumar	ICAR-Indian Veterinary Research Institute, Bareilly, Uttar Pradesh
73	IIRP-2023-0946/F1	Effect of remote ischemic preconditioning on delayed cerebral ischemia, cardiac and functional outcomes after aneurysmal subarachnoid hemorrhage (RIPSAH): a prospective randomized controlled trial	Dr Sangeetha R Palaniswamy	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
74	IIRP-2023-0950/F1	" A feasibility study: Comparative study of Clinical Breast Examination Vs 'I -Breast exam ' Device as a screening tool in women for early detection of breast cancer at TMH + ACTREC.	Dr Manisha Nandkumar Pawar	Tata Memorial centre, Mumbai, Maharashtra
75	IIRP-2023-0954/F1	A randomised controlled trial of preconceptional lifestyle intervention for prevention of gestational diabetes mellitus(GDM) in subsequent pregnancy of uniparous women with history of GDM	Dr Abilash Nair	Medical College, Thiruvananthapuram
76	IIRP-2023-0959/F1	Study of infection dynamics of Leishmania donovani in the presence of Lepsey NLV1 virus: Role of the virus in patho-biogenesis of Kala-azar and its remediation	Dr Subhajit Biswas	CSIR-Indian Institute of Chemical Biology(CSIR-IICB), Kolkata, West Bengal
77	IIRP-2023-0990/F1	Modulators of $\alpha$ 4-containing GABAA receptors: Potential therapy for focal cortical dysplasia (FCD)	Dr Jyotirmoy Banerjee	All India Institute of Medical Sciences, Delhi
78	IIRP-2023-1021/F1	Elucidating the cryosusceptibility and mitochondrial dynamics of oocytes and embryos under maternal metabolic conditions	Dr Sandhya Kumari Mv Kumari M V	Kasturba Medical College, Udupi, Karnataka
79	IIRP-2023-1049/F1	Development of a Simple Mobile Interface Technology Application (SMITA) for screening of oral disorders among a high risk rural population in Tamil Nadu	Dr Pd Madankumar	Ragas Dental College and Hospital, Kanchipuram, Tamil Nadu
80	IIRP-2023-1050/F1	Targeting APOE-mediated pathways for clearance of $\beta$ -Amyloid and inhibiting the self-assembly of Amyloid $\beta$ -protein by Ganaxolone in	Prof Divya Vohora	Jamia Hamdard, Delhi

		mutated APP-transfected SH-SY5Y neuroblastoma cells and mice model		
81	IIRP-2023-1052/F1	Expanding the Scope of Anti-Cancer Drug Discovery: A Multi-Targeted Approach for Simultaneous Inhibition of CDK4, CYP1B1, and Tubulin Proteins	Dr Venkatesan Jayaprakash	Birla Institute of Technology, Ranchi
82	IIRP-2023-1065/F1	Optimal versus standard cerebral perfusion pressure targets for the management of severe traumatic brain injury- A randomised controlled clinical trial (OPT-STAND- CPP trial)	Dr Suparna Bharadwaj	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
83	IIRP-2023-1068/F1	Optimization and development of a small molecule as a pre-clinical drug lead for NASH	Dr Ajay Kumar	Translational Health Science and Technology Institute, Faridabad, Haryana
84	IIRP-2023-1071/F1	A Phase III randomized controlled trial of sequential chemotherapy and radiotherapy versus concurrent chemoradiotherapy in adjuvant treatment of breast cancer (CONCERT)	Prof Dr. Tabassum Abdul Wahid Wadasadawala	Tata Memorial centre, Mumbai, Maharashtra
85	IIRP-2023-1078/F1	Synergistic Chemotherapy and microRNA Intervention via Liposome-mediated Delivery System targeting HER2: A Comparative Study between miR155/Paclitaxel and miR145/Docetaxel Combinations against Drug-resistant Breast Cancer	Prof Ashutosh Kumar	Ahmadabad University, Ahmadabad, Gujarat
86	IIRP-2023-1091/F1	An exploratory, prospective, open-label, randomized controlled trial of the safety and efficacy of StopBleed™ in patients with moderate-to-severe superficial bleeds and development of a gauze	Dr Devendra Verma	National Institute of Technology, Rourkela, Sundergarh, Odisha
87	IIRP-2023-1101/F1	Triple Active Resolution to Triple Negative Breast Cancer: A Photo-Responsive Sequential Combine Therapeutic Approach	Dr Avijit Jana	CSIR-Indian Institute of Chemical Technology(CSIR-IICT), Hyderabad, Telangana
88	IIRP-2023-1111/F1	Comparison of 75 mg versus 150 mg Aspirin for prevention of preterm preeclampsia in high risk women at Tertiary level hospital-A Randomized double blind clinical trial	Prof Upma Saxena	Vardhman Mahavir Medical College & Safdarjung Hospital, Delhi
89	IIRP-2023-1118/F1	A Randomised Controlled Trial of cognitive interventions in Patients with First Episode Psychosis to improve cognitive outcomes	Dr Swapnajeet Sahoo	Postgraduate Institute of Medical Education & Research, Chandigarh
90	IIRP-2023-1154/F1	To evaluate cardioprotective effect of S-Adenosyl methionine (SAM) as an add on therapy in patients of Chronic Heart Failure (CHF).	Dr Sharmila Vinayak Jalgaonkar	Seth G.S Medical College and K.E.M Hospital, Mumbai, Maharashtra
91	IIRP-2023-1162/F1	Effectiveness of Telemedicine and Electronic Call Reminder and health Education (TECARE trial) for Diabetes : A Randomized Control Trial	Dr Vinoth Gnana Chellaiyan Devanbu	Chettinad Academy of Research and Education, Kanchipuram, Tamil Nadu



92	IIRP-2023-1163/F1	Multifaceted screening for small molecules towards therapeutics of Lewy Body Dementia	Dr Swasti Raychaudhuri	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
93	IIRP-2023-1172/F1	Preclinical Assessment of a novel Tyrosine Kinase Inhibitor, KKI04 as a Promising Therapeutic Agent for Non-Small Cell Lung Cancer (NSCLC) using Mice xenograft model	Dr Krishna Kishore Inampudi	All India Institute of Medical Sciences, Delhi
94	IIRP-2023-1178/F1	Characterization of Peptidoglycan Recognition Proteins (PGRPs) as novel modulators of xenobiotic mediated type 2 diabetes	Dr Ravi Ram Kristipati	CSIR-Indian Institute of Toxicology Research(CSIR-IITR), Lucknow, Uttar Pradesh
95	IIRP-2023-1232/F1	An investigator-initiated phase II randomized controlled trial of low-dose pembrolizumab in addition to standard neoadjuvant chemotherapy in patients with triple negative breast cancer	Dr Atul Batra	All India Institute of Medical Sciences, Delhi
96	IIRP-2023-1278/F1	Lipidomics based biomarkers for prediction of Coronary Artery Lesions in Children with Kawasaki Disease	Dr Jayakanthan K	Postgraduate Institute of Medical Education & Research, Chandigarh
97	IIRP-2023-1281/F1	Development and Validation of Immunoassays to Aid in Diagnosing and Assessing Treatment Response in Chronic Pulmonary Aspergillosis	Dr Gaurav Batra	Translational Health Science and Technology Institute, Faridabad, Haryana
98	IIRP-2023-1284/F1	Engineering of sporicidal microneedles towards efficient management of dermatophytosis	Dr Renjith P Johnson	Yenepoya, Dakshin Kannad, Karnataka
99	IIRP-2023-1297/F1	Development and validation of a lab-on-a-chip integrated DNA extraction and LAMP-based detection of high-risk HPV genotypes	Dr Ravikrishnan Elangovan	Indian Institute of Technology(IIT), Delhi
100	IIRP-2023-1338/F1	Non invasive measurement of ICP through Point of care test (Optic Nerve Sheath Diameter and Transcranial Doppler) in children with Traumatic Brain Injury in Emergency	Dr Bharat Choudhary	All India Institute of Medical Sciences , Jodhpur
101	IIRP-2023-1363/F1	Evaluation of an Artificial Intelligence-based prediction model for identifying causes of Acute Febrile Illness.	Dr Karthik Gunasekaran	Christian Medical College, Vellore
102	IIRP-2023-1386/F1	Evaluation of Epigenetic Aging and its Modulation by Beta-Nicotinamide Mononucleotide (Beta-NMN) in Patients Diagnosed with Coronary Artery Disease	Dr Melvin George	SRM Medical College Hospital & Research Centre, Kanchipuram, Tamil Nadu
103	IIRP-2023-1394/F1	A randomised controlled trial of vitamin D supplementation on leukocyte telomerase length and telomerase activity in obese Individuals from north Indian with non-alcoholic fatty liver disease.	Dr Ranveer Singh Jadon	All India Institute of Medical Sciences, Delhi
104	IIRP-2023-1397/F1	Development of Next Generation Multi-Epitope Vaccine against Leptospirosis	Dr Syed Mohd Faisal	National Institute of Animal Biotechnology, Hyderabad, Telangana

105	IIRP-2023-1414/F1	Prediction of Idiosyncratic Drug Induced Liver Injury (iDILI): A comprehensive in silico, in vitro and in vivo based multi-tier screening approach	Dr Sandipan Chakraborty	Dr. Reddy's Institute of Life Sciences, Rangareddy, Telangana
106	IIRP-2023-1433/F1	Preventive and therapeutic modality of Plasmapheresis in Alzheimer's Disease with Replacement by Albumin for target Management of neuropathology in mild to moderate illness (PARAM)	Dr Parmatma Prasad Tripathi	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
107	IIRP-2023-1444/F1	Elucidation of the role of leptin signaling in macrophage switching and its therapeutic exploitation in pathogenic abortions and preterm labor	Dr Subhashree Parida	ICAR-Indian Veterinary Research Institute, Bareilly, Uttar Pradesh
108	IIRP-2023-1452/F1	Understanding the therapeutic role of cannabidiol-loaded nano-vesicles in Autism Spectrum Disorder (ASD)	Dr Shashank Kumar Maurya	University of Delhi, North Campus, New Delhi
109	IIRP-2023-1458/F1	Evaluating the population level seroprevalence against viral vaccine preventable diseases to re-design the Universal Immunisation Programme in India	Dr Ramya M	Christian Medical College, Vellore
110	IIRP-2023-1459/F1	Investigating DNMT3-related PWWP domain-containing protein (PWWP2A) as a therapeutic target for breast cancers by reactivating the epigenetically silenced tumor suppressors genes and inhibiting cell proliferation.	Prof Sudhakar Baluchamy	Pondicherry University, Puducherry
111	IIRP-2023-1494/F1	Novel bioactive molecules isolated from effective medicinal plants and their antimalarial potential on CQ-Sensitive and resistant strains of Plasmodium falciparum	Dr C.Kamaraj	SRM Insitute of Science and Technology, Chengalpattu, Tamil Nadu
112	IIRP-2023-1524/F1	Phage-tail-protein conjugated quantum dots for the multiplexed detection of urinary tract pathogens	Dr Juliet Roshini Mohan Raj	Nitte University Center for Science Education and Research (Nitte deemed to be University), Dakshin Kannad, Karnataka
113	IIRP-2023-1525/F1	Induction of translational readthrough across disease-causing premature termination codons in patient-derived cells.	Prof Sandeep M Eswarappa	Indian Institute of Science (IISc), Bangalore Urban, Karnataka
114	IIRP-2023-1531/F1	Promoting the mental health and wellbeing of transgender persons in the national capital region of Delhi using a peer support approach: A mixed method study	Dr Sandhya Kanaka Yatirajula	The George Institute for Global Health, Delhi
115	IIRP-2023-1544/F1	Targeting Malaria Parasite Heme Synthesis - A New Intervention Strategy for Malaria Transmission, Liver Stage Prophylaxis and Relapse.	Dr Arun Nagaraj	Institute of Life Sciences, Khordha, Odisha
116	IIRP-2023-1560/F1	Development of multi analyte cost effective liquid biopsy method for early detection of cancers.	Dr Jyothi S Prabhu	St John Research Institute A Unit of CBCI Society for Medical

				Education, Bangalore Urban, Karnataka
117	IIRP-2023-1583/F1	Potential neuroprotective role of chemically engineered GNSs/TSG/CDs nanomaterials against microglia macrophages induced cell death in stroke	Prof Naga Prasad Puvvada	VIT-AP University, Guntur, Andhra Pradesh
118	IIRP-2023-1642/F1	Exploring the therapeutic potential of metformin and acarbose co-administration strategy on improving the functional competence of oocyte, embryo development and fetal development in experimentally induced PCOS and type II diabetes	Prof Guruprasad Kalthur	Kasturba Medical College, Udupi, Karnataka
119	IIRP-2023-1654/F1	Development of simultaneous dual action synthetic host defence peptides to control the menace of drug resistance in ESKAPE pathogens: Targeting the antibiofilm and antimicrobial activities.	Dr Mukesh Pasupuleti	CSIR-Central Drug Research Institute(CSIR-CDRI), Lucknow, Uttar Pradesh
120	IIRP-2023-1694/F1	“Evaluating benefits & concerns of iodine supplementation with regard to thyroid functions and thyroid autoimmunity in Indian school children: Four decades following Universal Salt Iodisation (USI)”	Dr Pinaki Dutta	Postgraduate Institute of Medical Education & Research, Chandigarh
121	IIRP-2023-1701/F1	Natural alternatives to neonatal thrombocytopenia and other platelet developmental disorders	Prof Ravi Kumar Gutti	University of Hyderabad, Rangareddi, Telangana
122	IIRP-2023-1709/F1	Impact of fortified wheat flour on micronutrient status among carriers of beta-thalassemia: a population-based study	Prof Reena Das	Postgraduate Institute of Medical Education & Research, Chandigarh
123	IIRP-2023-1730/F1	Nanoelectrode arrays for electrophysiological analysis and stimulation of neural activity	Dr Vini Gautam	Indian Institute of Science (IISc), Bangalore Urban, Karnataka
124	IIRP-2023-1734/F1	Development of a heavy water-based Raman spectroscopic platform for identification of antibiotic resistant urinary tract infections.	Dr Surya Pratap Singh	Indian Institute of Technology (IIT), Dharwad
125	IIRP-2023-1738/F1	Role of 177Lu-FAPi radionuclide therapy in metastatic Breast Cancer (mBC) patients	Dr Shamim Ahmed Shamim	All India Institute of Medical Sciences, Delhi
126	IIRP-2023-1746/F1	Development of Recombinant antigens based immuno-diagnostics for Sero-surveillance of zoonotic tick borne viral diseases (CCHF, GAN and KFD) among livestock under One Health approach	Dr Sathish Bhadravati Shivachandra	ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, , Bangalore Urban, Karnataka
127	IIRP-2023-1753/F1	Efficacy and safety profile of Vortioxetine as an add-on molecule in Obsessive-Compulsive Disorder; A Randomized Double-Blinded Placebo-Controlled Superiority Trial	Dr Sucharita Mandal	All India Institute of Medical Sciences, Kalyani, West Bengal

128	IIRP-2023-1779/F1	A cross-over randomized control trial to evaluate the influence of obturator on oral health related quality of life made using conventional and digital method.	Dr Bhavita Wadhwa	Postgraduate Institute of Medical Education & Research, Chandigarh
129	IIRP-2023-1780/F1	Rational design, synthesis and preclinical evaluation of novel TrkA & B receptors dual agonists as newer therapeutic candidates for Alzheimer's	Dr Justin A	JSS College of Pharmacy, Ooty, Tamil Nadu
130	IIRP-2023-1815/F1	Development of a Non-Invasive Machine Learning-Based Method for Predicting Axillary Lymph Node Metastasis in Breast Cancer Patients Using Ultrasound	Dr Pradeeba Sridar	Indian Institute of Technology(IIT), Delhi
131	IIRP-2023-1820/F1	Intravenous methylene blue for treating fluid-refractory, dopamine-resistant, neonatal septic shock: a randomized, placebo-controlled, superiority trial	Prof Sourabh Dutta	Postgraduate Institute of Medical Education & Research, Chandigarh
132	IIRP-2023-1822/F1	Deciphering the change in sleep architecture and its relation to circulating melatonin level, and circadian rhythm gene expression in Parkinson's disease following deep brain stimulation surgery: A longitudinal video-polysomnography-based cohort study	Dr Rohan R Mahale	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
133	IIRP-2023-1823/F1	An in-depth study of SARS-CoV-2 Nsp13 helicase kinetics and mechanism	Dr Saurabh Raj	Indian Institute of Technology(IIT), Delhi
134	IIRP-2023-1834/F1	Efficacy and safety of leuprolide acetate in reducing ovarian toxicity of intravenous cyclophosphamide in young females with autoimmune rheumatic diseases: An assessor-blinded, randomized controlled trial	Dr Siddharth Jain	All India Institute of Medical Sciences, Delhi
135	IIRP-2023-1845/F1	Determine the mechanism of Autophagy-related gene-1 (Atg1) in the metabolism of lipids.	Dr Bhupendra V Shrivage	Agharkar Research Institute, Pune, Maharashtra
136	IIRP-2023-1848/F1	A randomized controlled trial to assess the efficacy of inhaled Formoterol/ Glycopyrronium combination (LABA+LAMA) vs inhaled Glycopyrronium (LAMA) alone in patients with symptomatic Post Tubercular lung disease	Dr Saurabh Mittal	All India Institute of Medical Sciences, Delhi
137	IIRP-2023-1860/F1	Development of a low-cost AI-enabled cardiovascular disease detection device for rapid onsite assessment	Prof Soumik Roy	Tezpur University, Sonitpur, Assam
138	IIRP-2023-1866/F1	Prediction of future ischemic cerebrovascular events using vessel wall imaging in systemic lupus erythematosus.	Prof Vivek Singh	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
139	IIRP-2023-1868/F1	Evaluating Exhaled Breath Condensate (EBC) as a promising non-invasive method for identification of clinically relevant genetic mutations in lung cancer	Prof Tapasya Srivastava	University of Delhi South Campus, New Delhi

140	IIRP-2023-1889/F1	Exploring the collagen synthesis and cross-linking by targeting lysyl oxidase like-2 (LOXL2)-TGFβ1 axis in mitigating alcoholic liver diseases: Preclinical development of phytotherapeutics	Dr Bidya Dhar Sahu	National Institute of Pharmaceutical Education and Research, Guwahati
141	IIRP-2023-1895/F1	Influence of Vitamin D-Binding Protein Gene Polymorphisms on Urinary Microbiome-Metabolome Profiles of Children with Congenital Uropathies Prone to Urinary Tract Infections	Dr Sachit Anand	All India Institute of Medical Sciences, Delhi
142	IIRP-2023-1898/F1	Screening and identification of hormone receptor bound tissue specific co-regulator complex proteins as novel therapeutic targets and subsequent drug repurposing in cervical cancer	Dr Balaji Ramachandran	Cancer Institute (WIA), Chennai, Tamil Nadu
143	IIRP-2023-1910/F1	Repurposing of Disulfiram, an EMT-inhibitor in Treating Chronic Kidney Disease and Associated Fibrosis using Integrated Approach of Network Pharmacology and Experimental Evaluation.	Prof Chandragouda Raosaheb Patil	R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, Maharashtra
144	IIRP-2023-1912/F1	Rational Drug Designing, Fabrication, and Development of O-vanillin Conjugated Amino-acid(s) derived Molecules as Critical Inhibitor(s) and Oral Drug Candidates against Visceral Leishmaniasis	Dr Preeti Jain	Sharda University, , Gautam Buddha Nagar, Uttar Pradesh
145	IIRP-2023-1921/F1	“Translational Significance of glia maturation factor beta inhibition and immunopathology suppression in Alzheimer’s Disease”.	Dr Krishnakumar N Menon	Amrita Institute of Medical Sciences, Ernakulam, Kerala
146	IIRP-2023-1923/F1	Investigating the severity of dengue infection in diabetes	Prof Prasenjit Guchhait	Regional Centre for Biotechnology, Faridabad, Haryana
147	IIRP-2023-1926/F1	Positive Deviance to Enhance Accessibility to Community-Based Stigma-Free Treatment for Alcohol and Substance Use Disorders in Public Health Facilities in Puducherry District	Prof R Nalini	Pondicherry University, Puducherry
148	IIRP-2023-1953/F1	Comparison of efficacy and safety of oral tizanidine and baclofen in reducing spasticity in children with spastic diplegia aged 2-10 years: a single-blind, randomized controlled trial	Dr Prateek Kumar Panda	All India Institute of Medical Sciences, Rishikesh
149	IIRP-2023-1954/F1	Myasthenia gravis in stroke survivors with fatigue symptoms- A prospective multicentric case-controlled study	Dr Vivek K Nambiar	Amrita Institute of Medical Sciences, Ernakulam, Kerala
150	IIRP-2023-1988/F1	A novel approach to safely induce immunogenic cell death in the tumor microenvironment as potential breast cancer therapy.	Dr Santosh Chauhan	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
151	IIRP-2023-1990/F1	To Investigate the Role of Endocannabinoids in Gut-Brain Axis and Differential Role of Cannabinoid Receptors in the Development of Metabolic Dysfunction	Dr Rahul Deshmukh	Maharaja Ranjit Singh Punjab Technical University, , Bathinda, Punjab

152	IIRP-2023-2019/F1	Engineering a cell line-based assay for monitoring SARS-CoV-2-mediated cytokine storm and ARDS; A novel invitro tool to assess the pulmonary pathogenesis potential of SARS-CoV-2 variants	Dr Kesavardana Sannula	Indian Institute of Science (IISc), Bangalore Urban, Karnataka
153	IIRP-2023-2026/F1	Evaluating the role of addition of low-dose nivolumab and concurrent radiation in patients with triple negative breast cancer receiving neoadjuvant chemotherapy (NACT): a 4 arm, phase II Randomized controlled trial (RCT)	Dr Priya Iyer	Cancer Institute (WIA), Chennai, Tamil Nadu
154	IIRP-2023-2027/F1	To develop the brain-on-chips model in vitro using human neural stem cell, appropriate microfabrication platform and flow control.	Dr Mamata Mishra	JAI RESEARCH FOUNDATION, Valsad, Gujarat
155	IIRP-2023-2030/F1	Development and application of antimycotic self-gelling probiotic powder targeting Candida albicans infections in geriatric denture wearers and oroantral communication patients	Dr Ramith Ramu	JSS Academy Of Higher Education & Research, Mysore, Karnataka
156	IIRP-2023-2062/F1	Targeting malaria using potent Plasmodium falciparum dihydroorotate dehydrogenase (PfDHODH) inhibitors based on the fused ring heterocyclic compounds	Dr Vivek Kumar Vyas	Nirma University, Ahmedabad, Gujarat
157	IIRP-2023-2084/F1	Evaluation of the Nephroprotective Activity & Therapeutic Potential of CKD777 in Chronic Kidney Disease.	Dr Reshma Shettigar	Yenepoya Ayurveda Medical College and Hospital, Dakshin Kannad, Karnataka
158	IIRP-2023-2109/F1	Formulation and characterization of diabetic wound healing gauze using PDGF-eugenol nanocomposites for Diabetic foot ulcer (DFU) – A 3D bioprinting approach	Prof Natarajan Chandrasekaran	Vellore Institute of Technology, Vellore, Tamil Nadu
159	IIRP-2023-2116/F1	Hypersensitive Peripheral Neurectomies To Reduce Spasticity and Restore Functions For Hemiparetic Stroke Patients – A Randomized Controlled Trial	Dr Jitin Bajaj	Netaji Subhash Chandra Bose Medical College, Jabalpur, Madhya Pradesh
160	IIRP-2023-2142/F1	Regulation of DNA methylation in Parkinson's Disease through Mucuna pruriens.	Prof Surya Pratap Singh	Banaras Hindu University, Varanasi, Uttar Pradesh
161	IIRP-2023-2148/F1	Molecular pathology of cervical carcinogenesis: Role of telomere in predisposition of cervical cancer and modulation of telomere function in cervical cancer cells.	Prof Gopeshwar Narayan	Banaras Hindu University, Varanasi, Uttar Pradesh
162	IIRP-2023-2168/F1	Investigating biomarkers of anti-VEGF treatment outcome in diabetic macular edema patients	Dr Nirbhai Singh	Postgraduate Institute of Medical Education & Research, Chandigarh
163	IIRP-2023-2184/F1	Development of surface-engineered smart nano-immunotherapeutic for the treatment of breast cancer	Dr Jayanta Bhattacharyya	Indian Institute of Technology(IIT), Delhi

164	IIRP-2023-2192/F1	Double-blind, placebo-controlled, randomized trial to compare antibody response to four standard- versus double-dose schedule of hepatitis B vaccine in pre-dialysis patients with eGFR<60 ml/min	Prof Amit Goel	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
165	IIRP-2023-2210/F1	Development and evaluation of newer molecular diagnostic tools for cutaneous leishmaniasis and the study of newer disease progression biomarkers	Dr Sumeeta Khurana	Postgraduate Institute of Medical Education & Research, Chandigarh
166	IIRP-2023-2226/F1	Development of a Graphical User Interface (GUI) Based Simulation Platform for the Dynamics Study of the Human Heart under Normal and Abnormal Operation	Dr Md Asif Hasan	Birla Institute of Technology, Ranchi
167	IIRP-2023-2232/F1	Identifying novel transcriptional inhibitors for therapeutic targeting of M. tuberculosis SigE	Dr Kajal Kanchan	AMITY UNIVERSITY UTTAR PRADESH
168	IIRP-2023-2234/F1	Gestational diabetes mellitus and mood disorders: Investigating the role of neurosteroids in a longitudinal pregnancy cohort	Dr Bettadapura N Srikumar	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
169	IIRP-2023-2241/F1	Chemotherapy with low dose immune therapy as salvage regimen in relapsed/ refractory Hodgkin's Lymphoma: A phase II study	Dr Prasanth Ganesan	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
170	IIRP-2023-2254/F1	Development of Alternative Supplements to Breastmilk: A Comparative Study of Cow, Mare and Camel Colostrum on Gut Microbiota and Immunomodulation	Dr Pradeep Sharma	All India Institute of Medical Sciences, Delhi
171	IIRP-2023-2281/F1	Technologies for screening and remediation of colistin and doxycycline from hospital effluents.	Dr Nethaji S	Manipal institute of Technology, Udupi, Karnataka
172	IIRP-2023-2286/F1	Development and validation of multiplex lateral flow assay for simultaneous detection of common bacterial pathogens of community acquired pneumonia among paediatric population	Dr Tushar Shaw	M.S. Ramaiah University of Applied Sciences, Bengaluru Urban, Karnataka
173	IIRP-2023-2289/F1	Development of a Nanopore-based long read sequencing panel for culture-free detection of drug resistance in Mycobacterium tuberculosis	Dr Renu Verma	Institute of Bioinformatics, Bengaluru Urban, Karnataka
174	IIRP-2023-2325/F1	DEVELOPING COMMUNITY SOCIAL ACTION MODEL AS NLEP STRATEGY FOR ZERO LEPROSY	Prof Ramchandra Keshav Mutatkar	Maharashtra Association of Anthropological Sciences, Pune, Maharashtra
175	IIRP-2023-2330/F1	Evaluation of the diagnostic potential of recombinant filarial proteins & Development of Rapid Immuno-chromatographic concomitant antigen and antibody detection test for diagnosis of Lymphatic Filariasis.	Dr Vijay Jagdish Upadhye	Parul University, Vadodara, Gujarat

176	IIRP-2023-2334/F1	Microbial assessment & quantification following placement of different sealing materials at the screw abutment connection under loading conditions in dental implants : A metagenomic study	Dr Sarah Mariam	Bharati Vidyapeeth Dental College & Hospital, Pune, Maharashtra
177	IIRP-2023-2341/F1	Investigating therapeutic implications of intratumoral heterogeneity in triple-negative breast cancer	Prof Saran Kumar	Indian Institute of Technology(IIT), Delhi
178	IIRP-2023-2353/F1	Therapeutic Approach for Parkinson's disease	Dr Sumit Kumar Chaturvedi	University of Delhi South Campus, New Delhi
179	IIRP-2023-2364/F1	Assessing the efficacy of engineered extracellular vesicles targeting NLRP3 inflammasome in the neuroinflammatory disease model	Dr Arup Banerjee	Regional Centre for Biotechnology, Faridabad, Haryana
180	IIRP-2023-2376/F1	3D printed nanoengineered sublingual patch with viral-mimetic nanoparticles for non-invasive delivery of Insulin	Dr Arunkumar Palaniappan	Vellore Institute of Technology, Vellore, Tamil Nadu
181	IIRP-2023-2387/F1	Design and Development of Siderophore–Macrolide Antibiotic Conjugates to Combat Multidrug Resistance (MDR) Gram-Negative Bacterial Infections	Dr Loganathan Rangasamy	Vellore Institute of Technology, Vellore, Tamil Nadu
182	IIRP-2023-2390/F1	Understanding Bisphenol-A Mediated Effect on Mitochondrial Protein Import Machinery and Neural Fate Decisions in the Rat Brain : Implication on Cognitive Functions	Dr Dr Rajnish Kumar Chaturvedi	CSIR-Indian Institute of Toxicology Research(CSIR-IITR), Lucknow, Uttar Pradesh
183	IIRP-2023-2422/F1	Development of a Telestroke Network to improve Stroke Care: A Quasi Experimental Study (TeStNet)	Prof Prof. (Dr.) Biman Kanti Ray	Institute of Postgraduate Medical Education & Research, Kolkata, West Bengal
184	IIRP-2023-2434/F1	To compare the protocol biopsy with Indication biopsy and their association with donor specific antibodies and treatment on graft outcome in renal transplant recipients	Prof Narayan Prasad	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
185	IIRP-2023-2444/F1	Understanding the host metabolome to formulate effective diagnostics against dengue virus infection	Prof Sachin Kumar	Indian Institute of Technology(IIT), Guwahati
186	IIRP-2023-2456/F1	“Epigenetic modulation and molecular mechanism involved in development of breast cancer - A case-control study”	Dr Md Margoob Ahmad	Indira Gandhi Institute of Medical Sciences, Patna, Bihar
187	IIRP-2023-2465/F1	Identifying and exploring the key deubiquitinase enzyme that facilitates the generation of matured insulin producing $\beta$ -cells from human iPSCs	Prof Anujith Kumar	Manipal Institute of Regenerative Medicine, Bengaluru Urban, Karnataka
188	IIRP-2023-2486/F1	Explainable AI for Hypoxic Ischemic Encephalopathy Detection using ultrasound images in Jharkhand Neonates: A Deep Learning Approach.	Dr K Sridhar Patnaik	Birla Institute of Technology, Ranchi



189	IIRP-2023-2493/F1	Development of regenerative nanofibrous bioactive conduit for treatment of spinal cord injury	Prof Sairam Krishnamurthy	Indian Institute of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh
190	IIRP-2023-2497/F1	Development of Plasmonic Nano-sensor for Detection of AGE in Diabetic Patient Samples	Dr Ranjita Ghosh Moulick	Amity University, Haryana
191	IIRP-2023-2500/F1	Survival, Adaptation, Evolution, and Antimicrobial Resistance Dynamics of Typhoidal and Non-Typhoidal Salmonella from the environmental niches	Prof Niyaz Ahmed	University of Hyderabad, Rangareddi, Telangana
192	IIRP-2023-2547/F1	Exploring leucine metabolism pathway for development of novel interventions and vaccine against Mycobacterium tuberculosis.	Dr Ramandeep Singh	Translational Health Science and Technology Institute, Faridabad, Haryana
193	IIRP-2023-2557/F1	Antimicrobial resistance at the interface of humans, animals, and the environment: Human health implications of antibiotics in soil and water across urban and rural settings.	Dr Sumanta Bagchi	Indian Institute of Science (IISc), Bangalore Urban, Karnataka
194	IIRP-2023-2567/F1	Targeting epigenetic modulators of EZH2 and SGLT to mitigate renal toxicity and chronic kidney disease progression	Dr Vikas Srivastava	CSIR-Indian Institute of Toxicology Research(CSIR-IITR), Lucknow, Uttar Pradesh
195	IIRP-2023-2572/F1	Study of clinical profiling and genetic risk factors for vasoocclusive crisis in sickle cell disease A multicentric case control study	Dr Anupa Prasad	Rajendra Institute of Medical Sciences, Ranchi, Jharkhand
196	IIRP-2023-2580/F1	Design and development of new osteosynthesis fixation device for mandibular subcondylar fracture based on ideal osteosynthesis line using Finite element analysis.	Dr Cynthia Scott	SRM Insitute of Science and Technology, Chengalpattu, Tamil Nadu
197	IIRP-2023-2584/F1	Effectiveness of a Smart phone based educational app versus conventional method to improve the oral health of children in day care centres- a cluster randomized trial	Dr Kalpana Bansal	All India Institute of Medical Sciences, Delhi
198	IIRP-2023-2645/F1	Effectiveness of Virtual - Compensatory Cognitive Training (V-CCT) for improving cognition in persons with schizophrenia - A multi- centre randomized controlled trial	Dr Padmavati Ramachandran	Schizophrenia Research Foundation, Chennai, Tamil Nadu
199	IIRP-2023-2650/F1	MULTIDISCIPLINARY PROGRAMME OF CARE FOR WOMEN WITH ENDOMETRIOSIS AND ITS EFFECT ON CHRONIC PELVIC PAIN AND QUALITY OF LIFE-A RANDOMIZED CONTROL TRIAL	Dr Amrita Gaurav	All India Institute of Medical Sciences, Rishikesh
200	IIRP-2023-2686/F1	Analysis of tumor characteristics and therapeutic strategies for $\beta$ -hCG positive Breast Cancer Patients from Kerala using microfluidic organ-on-a-chip culture device	Dr Priya Srinivas	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala

201	IIRP-2023-2692/F1	Clinical utility of Multigene Panel based universal genetic testing in breast cancer patients and its impact on Cascade testing	Dr Gomathi Shankar	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
202	IIRP-2023-2719/F1	Controlling Diabetic Retinopathy (DR) through novel VEGF-targeted aptamer tethered Pazopanib nanotherapy	Dr Surajit Karmakar	Institute of Nano Science and Technology, S.A.S Nagar, Punjab
203	IIRP-2023-2725/F1	Multiplexed Spatially Resolved Analysis of Protein Signature of the Invasive Front of Oral Squamous Cell Carcinoma	Dr Aanchal Kakkar	All India Institute of Medical Sciences, Delhi
204	IIRP-2023-2730/F1	Impact of indigenously developed Simulation-based training module 'Maternal resuscitation program' on knowledge, skills and preparedness in maternal resuscitation among healthcare teams: District level Quasi-experimental study	Dr Prithvishree Ravindra	Kasturba Medical College, Udupi, Karnataka
205	IIRP-2023-2731/F1	Physiological and Pharmacological Significance of Formate-Nitrite Type Transporters in Toxoplasma gondii	Dr Nishith Gupta	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
206	IIRP-2023-2748/F1	Deciphering heterogeneity and molecular portraits of triple negative breast cancer in patient-derived organoids: a biobanking initiative	Prof Amanjit Bal	Postgraduate Institute of Medical Education & Research, Chandigarh
207	IIRP-2023-2751/F1	Safety and efficacy of combination of thalidomide and hydroxyurea in children with transfusion dependent thalassemia: A phase III, multicentric, double-blind randomized placebo-controlled trial	Dr Debasish Sahoo	All India Institute of Medical Sciences, Bhubaneswar
208	IIRP-2023-2753/F1	Point-of-care test development for Bacterial Vaginosis (BV): Bench to bedside (Clinical validation of proof-of-concept) In continuation of project- No. IRIS ID-2020-0207	Dr Seema Sood	All India Institute of Medical Sciences, Delhi
209	IIRP-2023-2764/F1	Indigenous PoC- ICT for waterborne hepatitis diagnosis and NVHCP centric IHMS in North-East and Central India for identifying HAV & HEV genotypes and their mitigation.	Prof Shashank Purwar	All India Institute of Medical Sciences, Bhopal
210	IIRP-2023-2778/F1	Wastewater-based Surveillance for Antimicrobial Resistance (AMR) for Early Warning Through Artificial Intelligence (AI)	Dr Kayzad Soli Nilgiriwala	Foundation for Medical Research, Mumbai, Maharashtra
211	IIRP-2023-2784/F1	Machine Learning Models to Predict MIC in Indian Priority Pathogens & Identification of Novel Antimicrobial Resistance Mechanisms	Dr Anshu Bhardwaj	CSIR-Institute of Microbial Technology(CSIR-IMTECH), Chandigarh
212	IIRP-2023-2832/F1	Ultrasound-triggered Active Drug Delivery (uADD) System for Triple Negative Breast Cancer Therapy	Dr Avinash Eranki	Indian Institute of Technology(IIT), Hyderabad

213	IIRP-2023-2835/F1	Targeting novel signaling nodes in platelets to develop newer anti-platelet regimen and therapeutic antibody against cardiovascular disorders, and enhance blood banking storage	Prof Debabrata Dash	Banaras Hindu University, Varanasi, Uttar Pradesh
214	IIRP-2023-2842/F1	Cisplatin-encapsulated HPV virion-based targeted delivery vehicle validation on cervicectomy samples using high-resolution Cryo-Electron Tomography	Dr Subhash Chandra Yadav	All India Institute of Medical Sciences, Delhi
215	IIRP-2023-2851/F1	A Randomised Phase II Trial Comparing Chemo-Radiation versus Chemo-Radiation Plus Adjuvant low dose Immunotherapy in PDL1 Positive Locally Advanced Cervical Cancer (LACCION trial )	Dr Prashant Mehta	Amrita Institute of Medical Sciences and Research Centre, Faridabad, Haryana
216	IIRP-2023-2855/F1	3D Printed Tissue engineered Islet transplant system (3D-PITS)- Influence of extrinsic factors and microenvironment for protecting and enhancing the viability and functionality of differentiated islet-like clusters	Dr Lynda Velutheril Thomas	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala
217	IIRP-2023-2856/F1	VASCULOGENIC CHARACTERIZATION OF PERIPHERAL BLOOD DERIVED MONONUCLEAR CELLS (PBMCS) FROM PCOS SUBJECTS	Prof Madhulika Dixit	Indian Institute of Technology (IIT), Madras
218	IIRP-2023-2864/F1	Effect of Mirtazapine as add-on treatment in functional dyspepsia with impaired gastric emptying compared to Amitriptyline – a Randomized Cross-over Trial from India	Dr Lalit Mohan	Indira Gandhi Institute of Medical Sciences, Patna, Bihar
219	IIRP-2023-2880/F1	A holistic systems biology approach to identify the predictive biomarkers for the Moyamoya disease	Dr Tulika Gupta	Postgraduate Institute of Medical Education & Research, Chandigarh
220	IIRP-2023-2887/F1	Design, synthesis and biological evaluation of Indolo-quinoline-based 17beta-Hydroxysteroid Dehydrogenase type 5 inhibitors for the effective management of polycystic ovary syndrome	Dr Suresh Thareja	Central University of Punjab, Bathinda, Punjab
221	IIRP-2023-2905/F1	Impact of arts-based awareness program on knowledge, attitude and behaviour towards suicide among school-going children	Dr Thara Rangaswamy	Schizophrenia Research Foundation, Chennai, Tamil Nadu
222	IIRP-2023-2930/F1	SOCIO-CULTURAL DETERMINANTS, COMMUNITY AWARENESS, TREATMENT AND REHABILITATION OF PATIENTS OF SUBSTANCE USE DISORDER IN ASSAM AND ARUNACHAL PRADESH.	Dr Pranjal Sarma	Dibrugarh University, Dibrugarh, Assam
223	IIRP-2023-2946/F1	Hsp90 in the epigenetic regulation of acquired multidrug resistance	Prof Sreedhar Amere Subbarao	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
224	IIRP-2023-3014/F1	Development and evaluation of Intra-nasal nanocarriers for the treatment of Alzheimer's disease	Dr Ruchi Chawla	Indian Institute of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh

225	IIRP-2023-3019/F1	PREPARATION AND EVALUATION OF WOUND DRESSING MATERIAL AND TOPICAL OINTMENT USING MAGNETOSOME CONJUGATED LEMON GRASS EXTRACT (MLGE)	Dr Suthindhiran	Vellore Institute of Technology, Vellore, Tamil Nadu
226	IIRP-2023-3026/F1	Cue Reactivity and Attention in Alcohol Addiction: A Relapse Tracker	Dr Kalpana M	All India Institute of Medical Sciences, Bibinagar
227	IIRP-2023-3028/F1	Clinical Validation of standardized RT-LAMP assisted CRISPER-Cas based rapid sensitive assay for tuberculosis diagnosis and kit development.	Dr Saif Hameed	Amity University, Gurugram, Haryana
228	IIRP-2023-3049/F1	Formulation, pharmacokinetic and pharmacodynamic characterization of intranasal Bacoside A solid lipid nanoparticles to combat brain ischemic stroke in rat model.	Prof Debjani Nath	University of Kalyani, Nadia, West Bengal
229	IIRP-2023-3052/F1	Dual action antibiotics in mesoporous silica coated upconversion mediated photodynamic therapy against Methicillin-resistant Staphylococcus aureus	Dr Shyam Lal M	Institute of Nano Science and Technology, S.A.S Nagar, Punjab
230	IIRP-2023-3058/F1	Sensorineural hearing loss in Type 2 Diabetes Mellitus and its association with plasma folic acid and homocysteine	Dr Anasuya Ghosh	All India Institute of Medical Sciences, Kalyani, West Bengal
231	IIRP-2023-3082/F1	Targeting stem-like autoimmune progenitor CD8+ T cells using antagonists against key transcription factors: A novel approach in immunotherapy of type-1 diabetes.	Dr Naresh Sachdeva	Postgraduate Institute of Medical Education & Research, Chandigarh
232	IIRP-2023-3084/F1	Development of screening tool to identify fatal hyperinflammatory subphenotype-2 of acute respiratory distress syndrome with Point-of-Care Ultrasound, ventilatory mechanical power, and blood cell count-derived biomarkers.	Prof Shwethapriya R	Manipal Academy of Higher Education, Udupi, Karnataka
233	IIRP-2023-3094/F1	Clinical validation of a New In-house Multiplex PCR for rapid and accurate Diagnosis of Non-Tuberculous Mycobacterial Infections	Dr Anand Kumar Maurya	All India Institute of Medical Sciences, Bhopal
234	IIRP-2023-3146/F1	Identifying novel molecular marker panel for non-invasive, early diagnosis of NAFL/NASH in Indian population.	Dr Tripura B Chaturvedula	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
235	IIRP-2023-3151/F1	Pathophysiological investigations of sickle cell disease and interventions to improve associated hemorheological abnormalities	Prof Suman Kundu	Birla Institute of Technology and Sciences-Pilani, Goa Campus
236	IIRP-2023-3161/F1	A randomized placebo-controlled trial to assess efficacy of Vitamin-D supplementation in non-cystic fibrosis bronchiectasis patients	Dr Animesh Ray	All India Institute of Medical Sciences, Delhi
237	IIRP-2023-3166/F1	Development and evaluation of rapid diagnostic test/device for pediatric pulmonary tuberculosis based on the detection of host/mycobacterial proteins in urine samples.	Prof Indu Verma	Postgraduate Institute of Medical Education & Research, Chandigarh

238	IIRP-2023-3196/F1	Enhancing the epithelial barrier function and reducing inflammation using microbiota modulation and micronutrient supplementation in IBD patient-derived organoids	Prof Neelam Taneja	Postgraduate Institute of Medical Education & Research, Chandigarh
239	IIRP-2023-3199/F1	Artificial intelligence-based epileptic seizure detection framework using EEG signal	Prof Malaya Kumar Hota	Vellore Institute of Technology, Vellore, Tamil Nadu
240	IIRP-2023-3237/F1	Effectiveness of Methylene Blue as an adjuvant vasopressor in Reducing 28-day Mortality in septic shock patients: An Open-labelled Multicentric Randomized Controlled Trial	Dr Srikant Behera	All India Institute of Medical Sciences, Bhubaneswar
241	IIRP-2023-3252/F1	Design and evaluation of multicomponent coamorphous drug delivery systems for the effective delivery of herbal bio-actives to improve the hepato-protective activity	Dr Naveen Chella	National Institute of Pharmaceutical Education and Research, Guwahati
242	IIRP-2023-3254/F1	Gut-Brain-Microbiome interaction: modulation of the Gut Microbiome by Faecal Microbiota Transplantation (FMT) in patients of Functional Bowel Disorder with psychiatric comorbidity	Dr Jayeeta Bhowmick	All India Institute of Medical Sciences, Kalyani
243	IIRP-2023-3273/F1	Prevalence and follow-up course of post-TB Lung Disease (PTLD) over 2 year period: A prospective observational cohort study	Dr Deependra Kumar Rai	All India Institute of Medical Sciences, Patna
244	IIRP-2023-3274/F1	Standard therapy versus PLasmalyte In children with Dengue Shock Syndrome (SPLID TRIAL): an open labelled randomised control trial	Dr Vidushi Mahajan	Government Medical College & Hospital
245	IIRP-2023-3276/F1	Screening, Diagnosing and Staging of Retinopathy of Prematurity in Preterm and Low Birth Weight Infants using AI	Dr Natasha Radhakrishnan	Amrita Institute of Medical Sciences, Ernakulam, Kerala
246	IIRP-2023-3305/F1	Determination of the Key Factors in the Community Behavior, control and prevention of Dengue and Japanese B- Encephalitis in Assam and Arunachal Pradesh	Dr Nipen Nayak	Tinsukia College, Tinsukia, Assam
247	IIRP-2023-3308/F1	Recurrent and Prolonged Urinary Tract Infections and its association with Gut Microbiome: A community-based study in a semi-rural setting of North India.	Prof Purva Mathur	All India Institute of Medical Sciences, Delhi
248	IIRP-2023-3338/F1	Implementation Research on Immediate Kangaroo Mother Care (i-KMC) in Karnataka	Prof Suman Pn Rao	St John's Medical College Hospital, Bengaluru Urban, Karnataka
249	IIRP-2023-3373/F1	Efficacy of transdiagnostic cognitive behavioural therapy in older adults with depression and anxiety and its impact on sleep and metabolic outcomes: A randomized controlled trial	Prof Paulomi Matam Sudhir	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
250	IIRP-2023-3413/F1	Trans-auricular Vagus Nerve Stimulation (TaVNS) as an add-on therapy to standard rehabilitation for motor recovery in post-ischemic stroke hemiparesis: A randomized observer-blind device trial (V-Stim)	Dr Supriyo Choudhury	Institute of Neurosciences, Kolkata, West Bengal

251	IIRP-2023-3434/F1	Artificial intelligence based Automated interpretation of echocardiographic image from Hand held echocardiography (HHE) devices	Dr Prasant Kumar Mahapatra	CSIR-Central Scientific Instruments Organisation(CSIR-CSIO), Chandigarh
252	IIRP-2023-3444/F1	Paracetamol dose optimization for closure of hemodynamically significant patent ductus arteriosus in preterm neonates: A prospective, observational, pharmacokinetic-pharmacodynamic modelling study	Dr Jogender Kumar	Postgraduate Institute of Medical Education & Research, Chandigarh
253	IIRP-2023-3474/F1	Study of molecular profile of Nasopharyngeal carcinoma in the north eastern region and its relation to Epstein Barr Virus( EBV) infection .	Dr Vandana Raphael	North Eastern Indira Gandhi Regional Instt. of Health and Medical Sciences, East Khasi Hills, Meghalaya
254	IIRP-2023-3478/F1	Community-based stroke rehabilitation: Development of a scalable post-stroke rehabilitation model including community health worker competence enhancement, primary care service delivery for patients and families	Dr Ravi Prasad Varma	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala
255	IIRP-2023-3495/F1	Palliative Care Needs and Integration in Severe COPD and ILD: A mixed methods study (PCIntegCOPD-ILD)	Dr Jenifer Jeba Sundararaj	Christian Medical College, Vellore, Tamil Nadu
256	IIRP-2023-3497/F1	Design synthesis and preclinical evaluation of next generation PET radiotracers using hydrophobic linker tethered metal chelators for theranostic targeting fibroblast activation protein	Dr Devesh Madhukar Sawant	Central University of Rajasthan, Ajmer, Rajasthan
257	IIRP-2023-3498/F1	Early detection and monitoring of Glucocorticoid-Induced Osteoporosis through the identification and validation of new microRNA-based biomarker.	Prof Sanjay Kumar Bhadada	Postgraduate Institute of Medical Education & Research, Chandigarh
258	IIRP-2023-3521/F1	DEVELOPMENT OF ANTIMICROBIAL POLYMER BASED SCAFFOLDS LOADED WITH RHBMP-2 FOR BONE REGENERATION IN EXTRACTION TOOTH SOCKETS	Mr Tanmoy Ghosh	M.S. Ramaiah University of Applied Sciences, Bengaluru Urban, Karnataka
259	IIRP-2023-3550/F1	Genome wide association of variations that drive the emergence of pathogenic Escherichia coli in humans from commensal populations of poultry.	Dr Amit Arora	Postgraduate Institute of Medical Education & Research, Chandigarh
260	IIRP-2023-3558/F1	Development and validation of Point-Of-Care UltraSound-based Screening tool to predict Lower Respiratory Tract Infections in patients with acute neuromuscular disease. (POCUSS-LRTI)	Dr Bharath Srinivasaiah	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
261	IIRP-2023-3569/F1	CogStim: A Randomised Controlled Trial for early intervention of Individuals with mild cognitive impairment with transcranial direct current stimulation and cognitive training.	Dr Gagan Bajaj	Kasturba Medical College, Udupi, Karnataka

262	IIRP-2023-3571/F1	Clinical Evaluation of Fibroblast Growth Factor (FGF) and Silver Nanoparticle (AgNP) Entrapped Gelatin/Gellan Hybrid Gels as Wound Dressings in Diabetic Foot Ulcer Patients	Dr Mukesh Nandave	Delhi Pharmaceutical Sciences & Research University, Delhi
263	IIRP-2023-3587/F1	Harnessing Off-Target Mechanisms for Personalized Therapeutics in Triple Negative Breast Cancer: Identifying New Biomarkers and Combination Treatments	Dr Jaikanth Chandrasekaran	Sri Ramachandra Institute of Higher Education and Research, Chennai, Tamil Nadu
264	IIRP-2023-3605/F1	Design and development of affordable caregiver-friendly clothing for children with Cerebral Palsy based on Functional, Expressive, and Aesthetic Consumer Needs Model: A multidisciplinary approach	Ms Nagaveni N Nayak	Manipal Academy of Higher Education, Udupi, Karnataka
265	IIRP-2023-3608/F1	A study to compare the outcomes with and without preoperative splenic artery embolization in patients with moderate splenomegaly undergoing elective laparoscopic splenectomy.	Dr Yashwant Singh Rathore	All India Institute of Medical Sciences, Delhi
266	IIRP-2023-3615/F1	Multi-OMICS analysis of the human gut microbial ecosystem in Autoimmune hemolytic anemia and Immune Thrombocytopenia conditions in the Indian Population.	Dr Tulika Prakash Srivastava	Indian Institute of Technology (IIT), Mandi
267	IIRP-2023-3617/F1	Generation of normative data and description of hypertension in India using Blood pressure profiles measured with a patented new instrument, CMCNIBP	Prof Sathya Subramani	Christian Medical College, Vellore, Tamil Nadu
268	IIRP-2023-3633/F1	Genomic analysis of diversity, population structure, transmission dynamics and multidrug resistance in <i>Candida auris</i> , an urgent threat to public health	Prof Anuradha Chowdhary	Vallabhbhai Patel Chest Institute, Delhi
269	IIRP-2023-3637/F1	Whole genome sequencing-based enhanced molecular surveillance for antimicrobial resistance of <i>Mycobacterium leprae</i> in patients with clinical/microbiological non-responsiveness to WHO multidrug treatment and recalcitrant leprosy reactions	Dr Seema Chhabra	Postgraduate Institute of Medical Education & Research, Chandigarh
270	IIRP-2023-3657/F1	Development and evaluation of antifungal drug-potentiating herbal supplement formulations and the delivery system targeting multiple vitals of drug resistant fungi	Prof Dr. Hariprasad. P.	Indian Institute of Technology(IIT), Delhi
271	IIRP-2023-3694/F1	Multi-sectoral Nutrition intervention for Anemia Reduction Initiative (NARI): Implementation Research for Improving Women's Health in Tripura, India	Ms Preety R Rajbangshi	The George Institute for Global Health, Delhi
272	IIRP-2023-3695/F1	To identify the Genetic landscape of Hypertrophic cardiomyopathy (HCM) in Indian scenario	Dr Sudheer Kumar Arava	All India Institute of Medical Sciences, Delhi
273	IIRP-2023-3709/F1	Combinatorial effects of nanocomposite and antibiotics against multi-drug resistant bacterial biofilms in wound infections.	Prof Meryam Sardar	Jamia Millia Islamia University, Delhi

274	IIRP-2023-3714/F1	Plasma exosomal eNOS mRNA level and its protein expression in pre-eclampsia; potential biomarker and prognostic marker	Dr Priti	Lady Hardinge Medical College, Delhi
275	IIRP-2023-3721/F1	Effect of millet and legume-based complementary feeding intervention from 6mo to 2y of age on growth, hemoglobin and body composition in term/ near-term low birth weight infants: A randomized controlled trial	Prof Vandana Jain	All India Institute of Medical Sciences, Delhi
276	IIRP-2023-3725/F1	Evidence generation for restricting indiscriminate fluoroquinolone usage through a One Health survey of - consumption, residue, and emerging resistance in key bacterial and tubercular isolates.	Dr Mallika Sengupta	All India Institute of Medical Sciences, Kalyani
277	IIRP-2023-3744/F1	The Potential of Drug Repurposing to Target Key Mechanisms of Epithelial to Mesenchymal Transition in Breast Cancer Metastasis: A Comprehensive In-vitro and In-vivo Study	Dr Jesil Mathew Aranjani	Manipal College of Pharmaceutical Sciences, Udipi, Karnatak
278	IIRP-2023-3774/F1	Maintaining India's visceral leishmaniasis elimination campaign by mitigating insecticide resistance in sand flies	Prof Shyam Sundar	Banaras Hindu University, Varanasi, Uttar Pradesh
279	IIRP-2023-3776/F1	Development of the manual of Early Intervention for children with Autism for the use by Nurses working in Community Health Centres by simplifying The Com DEALL Early Intervention Program.	Dr Sowmyashree Mayur Kaku	St John Research Institute A Unit of CBCI Society for Medical Education, Bangalore Urban, Karnataka
280	IIRP-2023-3798/F1	Radiolabeling, Characterization and bioevaluation of 99mTc- Neu5Ac loaded gold nanoparticles for radionuclide imaging of lung cancerous lesions	Dr Vijayta Dani Chadha	Panjab University, Chandigarh
281	IIRP-2023-3804/F1	Mechanistic investigation of agmatine in the etiopathogenesis of autism spectrum disorder	Prof Brijesh G. Taksande	Smt. Kishoritai Bhoyar College of Pharmacy, Nagpur, Maharashtra
282	IIRP-2023-3825/F1	Development of artificial intelligence (AI) for screening, early diagnosis and treatment of oral potentially malignant disorders (OPMDs) through population based registry.	Prof Uma Shanker Pal	King George Medical University, Lucknow, Uttar Pradesh
283	IIRP-2023-3860/F1	Nanoengineered 3D Printed Thinner BRS for Controlled Degradation, Efficient Endothelialization, Antithrombotic, and vSMC-Antiproliferative: An Indigenous Approach to Treat Atherosclerosis (3DNanoResStent)	Dr Shivendu Ranjan	Indian Institute of Technology (IIT), West Bengal
284	IIRP-2023-3864/F1	Effect of Early Periodontal Therapy on Pregnancy Outcomes- A Randomized Control Trial	Dr Kirti Chaudhry	All India Institute of Medical Sciences, Jodhpur
285	IIRP-2023-3869/F1	Screening and functional analysis of ALDH1L2 (rs199841702) and PNPLA3 (rs738409) germline variants in different cohorts of chronic liver diseases cases	Dr Subhash Medhi	Gauhati University, Kamrup, Assam



286	IIRP-2023-3880/F1	Growth, Body Composition, Pubertal Changes and Cardiometabolic outcomes at adolescence in a follow-up cohort of full-term symmetric and asymmetric Small for Gestational Age neonates	Dr Harvinder Kaur	Postgraduate Institute of Medical Education & Research, Chandigarh
287	IIRP-2023-3884/F1	Exploring mitochondrial targeted therapeutics for diabetes-associated venous thrombosis	Dr Vijay Kumar Sonkar	Banaras Hindu University, Varanasi, Uttar Pradesh
288	IIRP-2023-3893/F1	An economical nanotechnology based self-screening platform to detect human papillomavirus in menstrual blood of sanitary napkins for prevention and early detection of Ca Cervix	Prof Bhaskar Vishwanathan	Amrita Institute of Medical Sciences and Research Centre, Faridabad, Haryana
289	IIRP-2023-3905/F1	Investigating the role of Inosine in mitigating decreased innate immune response in ischemic stroke following chronic kidney disease	Dr Pallab Bhattacharya	National Institute of Pharmaceutical Education and Research, Gujarat
290	IIRP-2023-3943/F1	Developing a machine learning based algorithm to screen and triage patients at risk of cardiovascular diseases like coronary artery disease and stroke from non-mydratic retinal images	Prof Gopal S Pillai	Amrita Institute of Medical Sciences, Ernakulam, Kerala
291	IIRP-2023-3958/F1	Role of Heavy Metals in Polycystic Ovary Syndrome (PCOS) and Efficacy and Safety of Sodium-Glucose Transporter-2 (SGLT-2) Inhibitors in PCOS	Dr Surjit Singh	All India Institute of Medical Sciences, Jodhpur
292	IIRP-2023-3960/F1	Development of CRISPR-dCas9 based lateral flow point of care test (POCT) to identify 14 High Risk- Human Papillomavirus (HR-HPV) in cervical cancer	Prof Dr. Sanjay Singh Negi	All India Institute of Medical Sciences, Raipur
293	IIRP-2023-3962/F1	Inhibition of asymmetric division of triple negative breast cancer stem cells by porous silicon nanoparticle sheathed exosome mediated co-delivery of 3,3'-diindolylmethane and doxorubicin.	Dr Subhadip Hajra	Chittaranjan National Cancer Institute, Kolkata, West Bengal
294	IIRP-2023-3970/F1	Artificial Intelligence/ deep Learning based models for prediction of histopathological risk of recurrence for tongue cancer using pretreatment Magnetic resonance imaging	Dr Amit Jiwan Tirkey	Christian Medical College, Vellore, Tamil Nadu
295	IIRP-2023-3994/F1	School-based Transdiagnostic Trauma-Focused CBT for Adolescents with Depression, Anxiety and PTSD: A Parallel Group RCT in Low, Moderate, and High Crime Hotspots in Delhi-NCR	Prof Sujata Satapathy	All India Institute of Medical Sciences, Delhi
296	IIRP-2023-4003/F1	Preclinical Animal Study of the Efficacy and Safety of AIP-303, a Theragnostic Radioimmunoconjugate for Invasive Breast Cancer Targeting Angiogenesis	Dr Pradip Chaudhari	Tata Memorial Centre (TMC), Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Raigad, Maharashtra

297	IIRP-2023-4023/F1	Effect of high protein diet on systemic and cellular bioenergetics in patients with non-alcoholic fatty liver disease: In search of an ideal macronutrient distribution	Dr Jaya Joy Benjamin	Institute of Liver and Biliary Sciences, Delhi
298	IIRP-2023-4032/F1	Predicting Infant Cardio-respiratory dysfunction in Neonatal Intensive Care Units (NICUs) using Edge AI based Temporal Data Mining.	Dr Nancy Jane Y	Anna University, Chennai, Tamil Nadu
299	IIRP-2023-4044/F1	Development of Immunotherapeutic Regimen with Nanoparticle (NP)-Conjugated Food Allergen for Mitigation of Allergic Responses	Dr Pradeep Kumar	CSIR-Institute of Genomics and Integrative Biology(CSIR-IGIB), Delhi
300	IIRP-2023-4050/F1	Metformin therapy in Polycystic Kidney Disease: A randomized, controlled trial	Dr Vivek Kumar	Postgraduate Institute of Medical Education & Research, Chandigarh
301	IIRP-2023-4053/F1	Development of an Artificial Intelligence-based app for remote delivery of speech therapy in cleft lip and palate patients (SWARA-“Speech-therapy With Artificial intelligence Remote Assistance”)	Dr Suvashis Dash	All India Institute of Medical Sciences, Delhi
302	IIRP-2023-4057/F1	Mining phenotypic plasticity and pathogenicity of Candida auris for identification of novel antifungal responsive coding and noncoding targets.	Dr Rekha Puria	Gautam Buddha University, Gautam Buddha Nagar, Uttar Pradesh
303	IIRP-2023-4067/F1	Development of new arene ruthenium (II) complexes as potential DDR inhibitor targeting ATM and ATR DNA repair pathways in cervical cancer.	Dr Antony Joseph Velanganni Arockiam	Bharathidasan University, Tiruchirappalli, Tamil Nadu
304	IIRP-2023-4072/F1	The burden of Haemoglobinopathies and Iron overload in Pregnant Women of Tribal Dominant States of India	Dr Archana Kumari	Rajendra Institute of Medical Sciences, Ranchi, Jharkhand
305	IIRP-2023-4143/F1	Development and validation of Scale for Assessment of High-risk Attitudes and risky Sexual Behaviour (SAHAS) Tool for high risk Indian youth	Dr Mahadev Singh Sen	Institute of Human Behaviour and Allied Sciences, Shahdara, Delhi
306	IIRP-2023-4149/F1	Identification of genetic predictors responsible for local failure in margin-negative Oral Squamous cell carcinoma patients in India.	Dr Burhanuddin Qayyumi	Homi Bhabha Cancer Hospital & Research Centre, Muzaffarpur, Bihar
307	IIRP-2023-4164/F1	Understanding the role of RECQ helicase in DNA damage response in L. donovani parasites induced by anti-leishmanial drugs	Dr Agneyo Ganguly	Indian Institute of Technology (IIT), West Bengal
308	IIRP-2023-4165/F1	Early-life nutrition in first thousand days and its association with adiposity rebound, cardio-metabolic risk and cardiac function in Low-birth-weight children at 2-years in Kerala	Dr Arun Gopalakrishnan	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Kerala
309	IIRP-2023-4175/F1	Validation of eye gaze screening protocol for early identification of autism	Dr Shivani Tiwari	Manipal College of Health Professions, Udipi, Karnataka

310	IIRP-2023-4176/F1	Effect of two different thresholds to initiate nutritional interventions for postnatal growth failure on neurodevelopmental disability in very preterm infants: a multicenter randomized controlled trial.	Dr Nishad Plakkal	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
311	IIRP-2023-4194/F1	Response to 5-aza-2'-deoxycytidine (decitabine) therapy in activating fetal haemoglobin (HbF) among HbE/ $\beta$ -thalassemia patients: development of a machine learning based predictive model	Dr Raghunath Chatterjee	Indian Statistical Institute, Paraganas 24 North, West Bengal
312	IIRP-2023-4196/F1	Feasibility to screen and diagnose COPD and Asthma based on government guidelines empowering peripheral health workers in Pune district Maharashtra	Dr Jayashree Sachin Gothankar	Bharati Vidyapeeth University Medical College, Sangli, Maharashtra
313	IIRP-2023-4232/F1	Dissecting the potential molecular signature by proteomics and metabolomics in predicting the clinico-radiological course of cerebral edema following traumatic brain injury	Dr Kokkula Praneeth	All India Institute of Medical Sciences, Delhi
314	IIRP-2023-4233/F1	Remote monitoring of automated general movements for early detection of neuro-cognitive disability: Design, development and remote testing of an automated tool for general movement analysis using computer vision analysis	Dr Bharathi Balachander	St John's Medical College Hospital, Bengaluru Urban, Karnataka
315	IIRP-2023-4240/F1	Lethal Aortopathy syndrome associated with novel FBLN4D203A Mutation among Mappila Children of Malabar, Kerala - seeking novel clinical, molecular genetic and anthropological insights.	Dr Mahesh Kappanayil	Amrita Institute of Medical Sciences, Ernakulam, Kerala
316	IIRP-2023-4253/F1	Brain-Targeted Antibacterial Nanomedicine to Revolutionize the Existing Therapy for Bacterial Meningitis	Prof Swati Biswas	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
317	IIRP-2023-4272/F1	Artificial Intelligence enabled referral pathways for early diagnosis of complications arising from diabetes: application to diabetic retinopathy	Dr Padmaja Kumari Rani	LV Prasad Eye Institute, Hyderabad, Telangana
318	IIRP-2023-4279/F1	Developing a combinatorial bio-marker based on encephalic and metabolome profiles to differentiate functional dissociative seizures from epilepsy	Dr Suman Das	All India Institute of Medical Sciences, Delhi
319	IIRP-2023-4315/F1	Implementation of Comprehensive Health Promotion package of Commercial Sex Workers (CHP-CSW) for the Delivery of Promotive, Preventive and Uptake of Diagnostic, Curative and Rehabilitative Services in Northeast Region of India – A Multi-Methods Study	Dr Shanthosh Priyan S	North Eastern Indira Gandhi Regional Instt. of Health and Medical Sciences, East Khasi Hills, Meghalaya
320	IIRP-2023-4318/F1	TO STUDY THE PATHOGENIC MOLECULES IN AUTOIMMUNE LIVER DISEASE (AILD) AND ITS CORRELATION WITH DISEASE ACTIVITY AND SEVERITY	Prof Sunil Taneja	Postgraduate Institute of Medical Education & Research, Chandigarh

321	IIRP-2023-4332/F1	DEVELOPMENT OF A REVERSE GENETIC SYSTEM FOR JAPANESE ENCEPHALITIS VIRUS AS A TOOL TO DEVELOP IN VITRO AND IN VIVO ANTIVIRAL SCREENING PLATFORMS	Dr Chetan Dewaji Meshram	CSIR-Central Drug Research Institute(CSIR-CDRI), Lucknow, Uttar Pradesh
322	IIRP-2023-4339/F1	Optimization and efficacy of non-invasive brain stimulation on cognitive and motor function in stroke patients - A randomized control trial study.	Dr Ayesha Juhi	All India Institute of Medical Sciences, Deoghar
323	IIRP-2023-4352/F1	Effect of nostril breathing patterns in the patients of Major Depressive Disorder.	Dr Prashant Tulshidas Tayade	All India Institute of Medical Sciences, Delhi
324	IIRP-2023-4366/F1	Chronic pancreatitis induces mitochondrial dysfunction and proteostasis in skeletal muscle.	Dr Avinash Kumar	All India Institute of Medical Sciences, Delhi
325	IIRP-2023-4394/F1	Evaluation of the waterbath ultrasound technique (WBT) in the diagnosis of distal hand and foot injuries in the emergency department.	Dr Tej Prakash Sinha	All India Institute of Medical Sciences, Delhi
326	IIRP-2023-4420/F1	Automated cartridge-based molecular assay for the screening and confirmation of Tuberculosis infection from saliva samples in low-resource settings	Dr Ravikrishnan Elangovan	Indian Institute of Technology(IIT), Delhi
327	IIRP-2023-4468/F1	Nurse Initiated Community health worker Empowerment (NICE) Study - Developing community based COPD management package in Primary health care setting: Randomized Control Trial	Dr Jithesh Veetilakath	State Health Systems Resource Centre-Kerala, Thiruvananthapuram, Kerala
328	IIRP-2023-4474/F1	Implementation and Assessment of an Innovative Tele-Consultation Program Designed for Local Need-based Cancer Survivorship Care	Dr Smita Kayal	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
329	IIRP-2023-4502/F1	Epigenetic and Pharmacogenetic Assessment of Toxicity and Outcome after Platinum plus Taxane Based Chemotherapy in Breast Cancer Patients	Dr Kailas Dhondibhau Datkhile	Krishna Institute of Medical Sciences, Satara, Maharashtra
330	IIRP-2023-4503/F1	Pharmacological exploration and repurposing of an anti-malarial drug for the treatment of triple-negative breast cancer using bovine milk exosomes as a delivery vehicle	Dr Ashish Kumar Agrawal	Indian Institute of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh
331	IIRP-2023-4518/F1	Culture of nasal epithelial cells for diagnosis of Primary Ciliary Dyskinesia	Dr Kana Ram Jat	All India Institute of Medical Sciences, Delhi
332	IIRP-2023-4534/F1	Orally Ingestible Targeted Radical Polymerization (TRAP) Microdevices for Non-Invasive Sampling of the Upper Gastrointestinal Tract	Prof Sarvesh Kumar Srivastava	Indian Institute of Technology(IIT), Delhi
333	IIRP-2023-4563/F1	Rapidly dissolving microneedles (DMNs) for the treatment of Postpartum Hemorrhage (PPH): For fast release of Misoprostol to meet critical conditions in low resource settings.	Dr Rosemary M J	HLL Lifecare Ltd, Thiruvananthapuram, Kerala

334	IIRP-2023-4589/F1	Evaluation of novel dipstick-based molecular techniques for early detection of Gram-negative ESKAPE (KAPE) organism and antimicrobial resistance genes in burn wounds	Dr Shivangi Saha	All India Institute of Medical Sciences, Delhi
335	IIRP-2023-4618/F1	Modulating cellular metabolism to enhance neural stem cell function in adult mammalian brain.	Dr Satish Khurana	Indian Institute of Science Education and Research (IISER), Thiruvananthapuram, Kerala
336	IIRP-2023-4648/F1	Development of a low-cost multimodal optical imaging “microscopic device” for early oral cancer diagnosis	Dr Varun Surya	All India Institute of Medical Sciences, Delhi
337	IIRP-2023-4658/F1	Understanding the Role of Quantum Dots as Tool for Tumor Imaging and as a Drug Carrier through in-vitro and in-silico Approach	Dr Paramita Haldar	Birla Institute of Technology and Sciences-Pilani, Goa Campus
338	IIRP-2023-4675/F1	Bionic nano-fibrous cell sheet loaded with lyophilized platelet rich plasma in the management of large skin defect - In vitro and Pre-clinical study	Dr Balaji Raghavendran	Sri Ramachandra Institute of Higher Education and Research, Chennai, Tamil Nadu
339	IIRP-2023-4686/F1	Title- A CYTOGENETIC STUDY OF SUSPECTED CASES OF CHROMOSOMAL ABERRATIONS IN UTTAR PRADESH REGION OF NORTH INDIA	Dr Vivek Mishra	All India Institute of Medical Sciences, Gorakhpur
340	IIRP-2023-4691/F1	A comparative multicentric non inferiority clinical trial of WHO MBMDT with a new monthly chemotherapy regime containing Rifampicin, Moxifloxacin and Clarithromycin (RMC) on Multibacillary patients from India.	Dr Joydeepa Darlong	The Leprosy Mission Hospital, Delhi
341	IIRP-2023-4698/F1	Folic acid-functionalized drug cocktail loaded lipid Nano-constructs for ameliorating the triple-negative breast cancer therapy	Dr Ashish Kumar Agrawal	Indian Institute of Technology (Banaras Hindu University), Varanasi, Uttar Pradesh
342	IIRP-2023-4704/F1	Development of intraocular implant providing controlled and localized combination drug therapy- towards efficacious treatment of diabetic retinopathy	Dr Inderjeet Kaur	Hyderabad Eye Research Foundation, L V Prasad Eye Institute, Hyderabad, Telangana
343	IIRP-2023-4708/F1	Susceptibility to active tuberculosis infection in individuals with Type-2 Diabetes: A possible relevance of immune exhaustion	Prof Dipendra Kumar Mitra	All India Institute of Medical Sciences, Delhi
344	IIRP-2023-4723/F1	Evaluation of Clinically Relevant Treatment Regimes on Cognition Studied on Human Patients and Animal Models of Breast Cancer	Prof Balaji Jayaprakash	Indian Institute of Science (IISc), Bangalore Urban, Karnataka
345	IIRP-2023-4735/F1	The clinical validation of Organotypic tissue slice and 3D organoid model for chemotherapeutic drug screening for the treatment of Triple-negative breast cancer (TNBC).	Dr Amit Ghosh	All India Institute of Medical Sciences, Bhubaneswar
346	IIRP-2023-4760/F1	Targeted nano-carrier based tumor-associated macrophage polarization and rationally designed natural product mediated strategy for improved triple negative breast cancer therapy	Dr Premnarayan Gupta	CSIR-Indian Institute of Integrative Medicine(CSIR-IIIM), Jammu, Jammu and Kashmir

347	IIRP-2023-4769/F1	Hepatitis C testing using dried blood spots among people who inject drugs, with implications for diagnosis and treatment monitoring: A multi-site, cross sectional study.	Dr Rizwana Quraishi	All India Institute of Medical Sciences, Delhi
348	IIRP-2023-4778/F1	Expression of immune checkpoints in circulation and at maternal-fetal interface and its correlation with whole exome sequencing based genetic variants in pre-eclampsia patients	Dr Deepali Garg	All India Institute of Medical Sciences, Delhi
349	IIRP-2023-4826/F1	Development of peptide-based therapeutics to target influenza A virus nucleoprotein (NP) and host cell nucleolin (NCL) interaction	Dr Syamala Maitreyi Rajala	Jawaharlal Nehru University, New Delhi
350	IIRP-2023-4831/F1	Diffusion Tensor Imaging (DTI) as a predictor of visual outcome in isolated indirect traumatic optic neuropathy and that associated with head injury: A prospective cohort study	Dr Amit Raj	All India Institute of Medical Sciences, Patna
351	IIRP-2023-4833/F1	Potential usage of LQAS based intervention package as monitoring and evaluation strategy at the unit of implementation in Anemia Mukht Bharat Program	Dr Ankur Joshi	All India Institute of Medical Sciences, Bhopal
352	IIRP-2023-4845/F1	Healthy Lifestyle (HeaL) in rural communities of India - The HeaL trial; An implementation Research	Dr Dorothy Lall	Christian Medical College, Vellore, Tamil Nadu
353	IIRP-2023-4849/F1	3D-Printed Injectable-microcapsule for Triple punch cure of triple-negative breast cancer by delivering anti-miRNA, an anticancer drug, and Opto-laser-induced Photothermal Therapy	Prof Dr Rakesh K Tekade	National Institute of Pharmaceutical Education and Research, Gujarat
354	IIRP-2023-4884/F1	The prevalence of antimicrobial resistance (AMR) in leprosy: A cross-sectional study from a tertiary care center of East India	Dr Biswanath Behera	All India Institute of Medical Sciences, Bhubaneswar
355	IIRP-2023-4907/F1	Global Proteome and Phosphoproteome Characterization to Identify Biomarkers and Pathogenesis of Sepsis	Dr Vasundhra Bhandari	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
356	IIRP-2023-4917/F1	The ASPIRE study - Antenatal Salivary progesterone to detect Pre-term births and Improve Reproductive Endpoints: A prospective cohort	Dr Jithesh Veetilakath	State Health Systems Resource Centre-Kerala, Thiruvananthapuram, Kerala
357	IIRP-2023-4940/F1	Immune signatures and role of neutrophils in pathophysiology of post tuberculosis pulmonary sequelae	Dr Geetanjali Gokarn Bade	All India Institute of Medical Sciences, Delhi
358	IIRP-2023-4965/F1	Combating antimicrobial resistance in medical implant infections using novel functionalized polymer nanostructure coating	Dr Srabanti Ghosh	CSIR-Central Glass Ceramic Research Institute(CSIR-CGCRI), Kolkata, West Bengal
359	IIRP-2023-5001/F1	IoT based device for Rapid STI Detection of T. pallidum, C. trachomatis, and N. gonorrhoeae	Prof Ramya M	SRM Insitute of Science and Technology, Chengalpattu, Tamil Nadu

360	IIRP-2023-5006/F1	Evaluation of self-collection with an indigenous device and Point of Care HPV test for cervical cancer screening (Self-Care Cervix study)	Dr Seema Singhal	All India Institute of Medical Sciences, Delhi
361	IIRP-2023-5015/F1	Multi-analytes lateral flow immune assay for the detection of sepsis and multi-organ dysfunction syndrome in post-trauma patients.	Prof Purva Mathur	All India Institute of Medical Sciences, Delhi
362	IIRP-2023-5052/F1	Metagenomic sequencing for tuberculosis from pulmonary and extrapulmonary samples for the characterisation of drug resistant mutations; a prospective study.	Dr Marilyn Mary Ninan	Christian Medical College, Vellore, Tamil Nadu
363	IIRP-2023-5058/F1	A 3-arm, open-label, stratified randomized controlled trial with blinded end-point assessment to Evaluate A Nitric oxide generator (Nebivolol) as a diSease modifying mediCatioN in Diabetic Peripheral Neuropathy. (EVANESCENT-DPN RCT)	Dr Belinda George	St John's Medical College Hospital, Bengaluru Urban, Karnataka
364	IIRP-2023-5060/F1	Efficacy of Montelukast in reducing incidence of warning signs and severe disease in patients with dengue fever: a phase 2, double-blind, placebo-controlled, randomized trial.	Dr Manish Soneja	All India Institute of Medical Sciences, Delhi
365	IIRP-2023-5063/F1	Development and standardization of monoclonal antibody based immunochromatographic (lateral flow) technology for the rapid detection of enteric viruses (Noro and Hepatitis A) from food: Protecting food chain and public health	Dr Krishna Kumar B	Nitte University Center for Science Education and Research (Nitte deemed to be University), Dakshin Kannada, Karnataka
366	IIRP-2023-5094/F1	Improving glycemic control among patients with diabetes mellitus seeking care in primary care settings – an implementation research study	Dr Farah Naaz Fathima	St John's Medical College Hospital, Bengaluru Urban, Karnataka
367	IIRP-2023-5180/F1	Design, synthesis, in silico, and neuroprotective evaluation of Ropinirole derivatives for the treatment of Alzheimer's disease.	Dr Divakar Selvaraj	JSS College of Pharmacy, Ooty, Tamil Nadu
368	IIRP-2023-5195/F1	Exploiting synthetic lethality of type II NADH dehydrogenases for complete sterilization of Mycobacterium tuberculosis	Dr Nitin Pal Kalia	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
369	IIRP-2023-5196/F1	Targeting endoplasmic reticulum-mitochondrial interplay for possible anticancer therapeutic outcome in breast cancer	Dr Sanjay Bharati	Manipal Academy of Higher Education, Udupi, Karnataka
370	IIRP-2023-5208/F1	Exploring the role of early life metabolomic signatures in relation to cognition and neurodevelopment	Dr Kuppan Gokulakrishnan	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
371	IIRP-2023-5254/F1	Classification of Breathing Patterns using Machine Learning Algorithms for Airway Disease Identification and its root cause analysis using Computational Fluid Dynamics	Prof Jayati Sarkar	Indian Institute of Technology(IIT), Delhi

372	IIRP-2023-5288/F1	Development of a colorimetric multiplex strip PCR for simultaneous detection of MDR Klebsiella pneumoniae complex and hypervirulent Klebsiella pneumoniae from invasive clinical isolates.	Dr Archana Angrup	Postgraduate Institute of Medical Education & Research, Chandigarh
373	IIRP-2023-5291/F1	Breaking Barriers in Fungal Sepsis Diagnosis and Antifungal Resistance Detection: Evaluating FTIR as a Cutting-edge Modality	Dr Basudev Lahiri	Indian Institute of Technology (IIT), West Bengal
374	IIRP-2023-5304/F1	Oral Ketamine in Resistant Alcohol Use Disorder: A Multi-centric Single-blind Randomized Controlled Trial	Dr Deepak Shantaram Ghadigaonkar	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
375	IIRP-2023-5346/F1	Efficacy of aspirin 75 mg vs 150 mg for prevention of preeclampsia in Indian population	Dr Snigdha Kumari	Postgraduate Institute of Medical Education & Research, Chandigarh
376	IIRP-2023-5362/F1	Targeting mitochondrial fission with dietary molecules inhibits hepatic stellate cell activation and progression of non-alcoholic fatty liver disease: Pre-clinical & safety validation	Dr Madan Kumar Perumal	CSIR-Central Food Technological Research Institute(CSIR-CFTRI), Chamarajanagar, Karnataka
377	IIRP-2023-5367/F1	Addressing anemia in women and children with intervention of effective, budgeted and novel nanomedicine technology based on Peptide-Lipid-Iron-Ascorbic Acid Delivery System and Continuous Manufacturing Process	Prof Srinivas Mutalik	Manipal College of Pharmaceutical Sciences, Udupi, Karnataka
378	IIRP-2023-5380/F1	Development of novel 2-amino pyrimidine based molecular hybrids as selective CDK-9 inhibitors	Dr Shankaraiah Nagula	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
379	IIRP-2023-5390/F1	To study the efficacy of Irisin and leptin supplementation in treatment of sleep deprivation-induced Alzheimer's disease rat model	Dr Ritesh Kuamr Netam	All India Institute of Medical Sciences, Delhi
380	IIRP-2023-5397/F1	Development and Evaluation of Novel Multi-Target Urolithin Analogues as Potential Neuroprotective Therapeutics for Ischemic Stroke	Dr Ravinder Kumar Kaundal	National Institute of Pharmaceutical Education and Research (NIPER), Lucknow
381	IIRP-2023-5398/F1	Identification of biomarkers of Pancreatic Ductal Adenocarcinoma development in Type II Diabetic Miletus using integrated Multi-Omics approach; Single Centric Pilot Study.	Dr Anjali Aggarwal	Postgraduate Institute of Medical Education & Research, Chandigarh
382	IIRP-2023-5403/F1	In-silico, Structural, Functional, and Biochemical characterization of an eukaryotic-like Ser/Thr kinase, in regulating antimicrobial resistance in carbapenem/colistin resistant Acinetobacter baumannii.	Dr Rajamohan Govindan	CSIR-Institute of Microbial Technology(CSIR-IMTECH), Chandigarh



383	IIRP-2023-5411/F1	Development of Self-Powered Electrochromic Smart Display for Visual Detection of Folate Receptor Overexpressed Cancer Cells	Dr Chanchal Chakraborty	Birla Institute of Technology and Sciences-Pilani, Hyderabad Campus
384	IIRP-2023-5413/F1	Investigating the role of secretory phospholipase (sPLA2-IIa) in oral cancer stem cells regulation and its clinical implications	Dr Sanjeev K Waghmare	Tata Memorial Centre (TMC), Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Raigad, Maharashtra
385	IIRP-2023-5425/F1	Fabrication and preclinical trial of 3D printed placenta based bioactive hybrid dressing for full thickness second degree burn management	Dr Atharva Abhay Poundarik	Indian Institute of Technology (IIT), Rupnagar, Punjab
386	IIRP-2023-5431/F1	Bioengineering of iMSCs exosomes fortified chitosan sheet for the rapid regeneration of burn injuries	Dr Avinash Purushottam Sanap	Dr D Y Patil Dental College and Hospital, Pune, Maharashtra
387	IIRP-2023-5450/F1	Improving Sepsis Diagnosis in Newborns with Minimal Blood Sampling using Innovative Laboratory Test: A focus on Early Detection	Dr Varun Anand	All India Institute of Medical Sciences, Raipur
388	IIRP-2023-5461/F1	Studying the PRRs (TLRs) involved in maintaining the liver-stage specific memory CD8+ T cells that ensue the long-lived protection against Plasmodium infection	Prof Sarat Kumar Dalai	Nirma University, Ahmedabad, Gujarat
389	IIRP-2023-5527/F1	Development of New Quinoxaline based 2-Pyrazolines as Potent and Selective MAO-A Inhibitors: In silico Studies, Synthesis and Biological Evaluation.	Prof Gita Chawla	Jamia Hamdard, Delhi
390	IIRP-2023-5582/F1	Development of multitargeted adamantyl analogous for the treatment of Alzheimer's disease.	Dr Devendra Kumar	School of Pharmacy & Technology Management SVKM's Narsee Monjee Institute of Management Studies (NMIMS), Dhule, Maharashtra
391	IIRP-2023-5595/F1	Translational Clot-activatable drenching nanoparticles to dissolve the clot and reinstate the perfusion: Demonstrated in pre-clinical rat model.	Dr Kaladhar Kamalasanan	Amrita Institute of Medical Sciences, Ernakulam, Kerala
392	IIRP-2023-5599/F1	Comparison between objective and clinical methods to measure dry weight in the management of blood pressure & hydration status in hemodialysis patients: A Randomized Controlled Trial	Mr Ajith M Nayak	Manipal College of Health Professions, Udupi, Karnataka
393	IIRP-2023-5600/F1	"Role of Circular and long-non-coding RNAs as regulators of neuroinflammation and its correlation with clinical and radiological severity in Ischemic Stroke patients"	Dr Dinkar Kulshreshtha	Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow, Uttar Pradesh

394	IIRP-2023-5604/F1	Comparing the effectiveness of novel VG111(Sepil) with Benzylamine on Radiation Induced Oral Mucositis and QoL in head and neck cancer subjects: A Randomized Controlled Trial.	Dr Arpit Gupta	Postgraduate Institute of Medical Education & Research, Chandigarh
395	IIRP-2023-5607/F1	Hemodynamic Monitoring in Children with Shock in Pediatric Intensive Care Unit: Real-time Objective Measurement Using Electrical Cardiometry Compared with Point of Care Ultrasonographic Assessment.	Dr Bijay Kumar Meher	SCB Medical College, Cuttack, Odisha
396	IIRP-2023-5626/F1	Exploring the therapeutic potential of amino acid restriction sensing pathway for treating Diabetes.	Dr Nooruddin Khan	University of Hyderabad, Rangareddi, Telangana
397	IIRP-2023-5651/F1	Expansion of the fluoroquinolone derivatives: Design, synthesis and antimicrobial activity of various norfloxacin-pyrazole conjugates against fluoroquinolone-resistant Bacterial Pathogens	Dr Sukhendu Mandal	University of Calcutta, Kolkata, West Bengal
398	IIRP-2023-5656/F1	Nanocomposite as a novel root end closure biomaterial in necrotic young permanent teeth in children	Dr Daya Srinivasan	Chettinad Dental College & Research Institute, Chengalpattu, Tamil Nadu
399	IIRP-2023-5657/F1	Early Aminophylline versus Caffeine in Very Preterm Neonates and Neonatal Chronic Lung Disease - a randomized controlled, non-inferiority trial	Dr Dhayaguruvasan Muthanandam	Christian Medical College, Vellore, Tamil Nadu
400	IIRP-2023-5752/F1	Effectiveness of cold therapy on prevention of Chemotherapy Induced Peripheral Neuropathy in patients receiving neurotoxic drugs - A randomized controlled trial	Dr Sukhpal Kaur	Postgraduate Institute of Medical Education & Research, Chandigarh
401	IIRP-2023-5805/F1	In situ formation of injectable thermoreversible silk protein hydrogel for Guided Bone Tissue Engineering	Dr Dr Santosh Yamanappa Nelogi	KLE Vishwanath Katti Institute of Dental Sciences, Belgavi, Karnataka
402	IIRP-2023-5815/F1	One-Health approaches to understand the burden and threat of zoonotic tuberculosis, melioidosis and glanders in Uttar Pradesh, Karnataka and Haryana states. Multi-institute project.	Dr Shanmugasundaram Karuppusamy	ICAR-National Research Centre on Equines, Hisar, Haryana
403	IIRP-2023-5816/F1	Association of blood lithium levels with mood disorders and cognitive decline (Lithium & Mind Study) – A case-control study	Dr Ajit Bhalchandra Dahale	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
404	IIRP-2023-5817/F1	Thalidomide and Hydroxyurea as add-on therapy in patients diagnosed with transfusion dependent and non-transfusion dependent Thalassemia – a multicenter randomized placebo-controlled trial.	Prof Chandrakala Shanmukaiah	Seth G.S Medical College and K.E.M Hospital, Mumbai, Maharashtra

405	IIRP-2023-5829/F1	Role of oral application of 40% dextrose gel in preventing hypoglycemia among at-risk neonates in a tertiary care center: A randomized controlled trial.	Dr Aswathy Rahul	Govt. Medical College Thiruvananthapuram, Kerala
406	IIRP-2023-5831/F1	A multicentric prospective cohort study to develop Artificial intelligence-assisted risk stratification tool for prediction of preterm birth.	Dr Kavita Khoiwal	All India Institute of Medical Sciences, Rishikesh
407	IIRP-2023-5887/F1	Upfront Surgery Vs Induction Chemotherapy Followed By Surgery In Oral Cavity Squamous Cell Cancers With Advanced Nodal Disease (SurVIC Trial): A Phase 3 Multicentric Randomized Controlled Trial	Dr Dharma Ram Poonia	All India Institute of Medical Sciences , Jodhpur
408	IIRP-2023-5900/F1	Development and validation of point-of-care cartridge-based isothermal nucleic acid amplification assay for viral load estimation of HCV.	Dr Vikas Manchanda	Maulana Azad Medical College & G B Pant Hospital, Central Delhi, Delhi
409	IIRP-2023-5904/F1	Regulation of post-traumatic stress disorder by sympathoinhibitor catestatin peptide	Prof Nitish R Mahapatra	Indian Institute of Technology (IIT), Madras
410	IIRP-2023-5909/F1	Role of adjunctive corticosteroids on clinical outcomes in severe scrub typhus pneumonitis: a randomized controlled trial	Prof Peter John Victor	Christian Medical College, Vellore, Tamil Nadu
411	IIRP-2023-5917/F1	Spectrum of Adrenocorticosteroid Insufficiency and Glucocorticoid receptor expression in neonatal sepsis and its impact on mortality	Dr Shiv Sajan Saini	Postgraduate Institute of Medical Education & Research, Chandigarh
412	IIRP-2023-5919/F1	An interventional study to strengthen and develop continuum of care for common mental health disorders	Dr Suniti Yadav	University of Delhi, North Campus, New Delhi
413	IIRP-2023-5956/F1	Reducing cardiovascular risk through 'Community Action for Lifestyle Modification' (CALM) in a high-burden non-communicable disease setting: A type 3 Hybrid Effectiveness -Implementation study	Dr Subitha Lakshminarayanan	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
414	IIRP-2023-6001/F1	Evaluating The Association Of Fatty Kidney With Risk Of Cardiometabolic Disorders And Kidney Functions: A Comparative Study Of Metabolically Healthy And Unhealthy Obese And Non Obese Asian Indian Individuals	Dr Amandeep Singh	All India Institute of Medical Sciences, Delhi
415	IIRP-2023-6024/F1	The examination of the upper therapeutic threshold of serum clozapine level in treatment-resistant schizophrenia: A double-blind randomized controlled trial	Dr Vijay Kumar	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
416	IIRP-2023-6055/F1	Bedside, Percutaneous Drainage of Liver Abscess in the Emergency Department by Trained Emergency Physicians versus Radiologist – A Randomised Controlled Trial	Dr Nayer Jamshed	All India Institute of Medical Sciences, Delhi
417	IIRP-2023-6075/F1	Cocaine use in HIV infection leads to loss of astrocyte neurotrophic support and impaired lipid homeostasis in the brain.	Prof Natarajaseenivasan Kalimuthusamy	Bharathidasan University, Tiruchirappalli, Tamil Nadu

418	IIRP-2023-6091/F1	A mechanistic and translational approach to delineate the cellular and molecular mechanisms of chemo-radioresistance in cervical cancer: (Developing a robust in-vitro Chemoradiotherapy resistance model)	Prof Jayant Sastri Goda	Tata Memorial Centre (TMC), Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Raigad, Maharashtra
419	IIRP-2023-6092/F1	Development of topical Gel-based biomaterials for the treatment of chronic diabetic ulcers(CDU).	Dr Sanjeev Kumar	Banaras Hindu University, Varanasi, Uttar Pradesh
420	IIRP-2023-6098/F1	Exploitation of mono- and polymicrobial mice models of sepsis to shortlist sera-metabolite biomarkers for diagnosis, earliest segregation of non-survivors from survivors and for their prognosis	Dr Krishnamohan Atmakuri	Translational Health Science and Technology Institute, Faridabad, Haryana
421	IIRP-2023-6106/F1	Improving Crucial Procedures in Emergency Department Resuscitation Area - Emergency Airway Management and Cardiac Arrest Care – An Implementation Research Project	Dr Akshay Kumar	All India Institute of Medical Sciences, Delhi
422	IIRP-2023-6107/F1	Use of Antimicrobial Peptide GF17 and its Combination with Calcium Hydroxide for Endodontic Disinfection	Dr Chatura Mohan	M.S. Ramaiah University of Applied Sciences, Bengaluru Urban, Karnataka
423	IIRP-2023-6157/F1	In vitro study, employing cadaver blood vessels, on the role of calcification in determining the patency of arterial and venous conduits routinely employed for CABG.	Dr Monica Kakkar	All India Institute of Medical Sciences, Bathinda, Punjab
424	IIRP-2023-6205/F1	Exploring the effect of gestational diabetes mellitus on adipokine profile and ovarian functions of female offspring mice	Dr Mamta Tripathy	University of Delhi, North Campus, New Delhi
425	IIRP-2023-6248/F1	Oral care by 3D printed biomaterial mesh for dentoalveolar bone bed regeneration towards osseointegration of dental implant.	Dr Ira Bhatnagar	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
426	IIRP-2023-6263/F1	Exploring the mechanisms of hypermutability and antimicrobial resistance evolution in Pseudomonas aeruginosa can aid in better understanding its implications for infection management.	Dr Dr. Binesh Lal Y	Christian Medical College, Vellore, Tamil Nadu
427	IIRP-2023-6283/F1	Study of association between saliva and blood biomarkers in cognitively impaired pediatric mild head injury patients.	Prof Arulselvi Subramaniam	All India Institute of Medical Sciences, Delhi
428	IIRP-2023-6304/F1	Exploring the Role of GPR56 Agonists in Targeting GPCR Receptors for Depression Treatment: An In-silico, In-vitro, and In-vivo Study	Prof Bikash Medhi	Postgraduate Institute of Medical Education & Research, Chandigarh
429	IIRP-2023-6321/F1	Enabling caregivers of patients with schizophrenia in dealing with psychosocial issues related to caregiving through a comprehensive CBT-informed, strength-based, culturally suited intervention: An open-label RCT study	Prof Devvarta Kumar	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka

430	IIRP-2023-6336/F1	A randomized, phase II study to evaluate efficacy and safety of dose-dense alternating docetaxel-cyclophosphamide and epirubicin-cisplatin(ddDCEP) compared to standard neoadjuvant chemotherapy for triple negative breast cancer.	Dr Josh Thomas Georgy	Christian Medical College, Vellore, Tamil Nadu
431	IIRP-2023-6379/F1	Study of the development of radioresistance mechanism in oral cancer via single-cell profiling of patient-derived tumor models	Prof Rana P Singh	Jawaharlal Nehru University, New Delhi
432	IIRP-2023-6396/F1	'Two-phase study evaluating the risk factors for Kidney Stone Disease (KSD) and effect of Probiotic use on KSD by change in gut microbiota'	Dr Anitha Swamy	All India Institute of Medical Sciences, Bibinagar
433	IIRP-2023-6415/F1	HIV-associated chronic immune activation influences TB pathogenesis and outcome	Prof John Fletcher	Christian Medical College, Vellore, Tamil Nadu
434	IIRP-2023-6426/F1	Assessment of the efficacy of a novel nipple design for ease of feeding and naso-alveolar molding in infants with congenital unilateral cleft lip and palate.	Prof Dr. Suryakanta Das Das	S.C.B. Dental College & Hospital, Cuttack, Odisha
435	IIRP-2023-6434/F1	Development of IgM Fc as an adjuvant for Th1 biased immune response: A biochemical and immune analysis, using a candidate HSV2 subunit vaccine as a model system	Dr Suman Tapryal	Central University of Rajasthan, Ajmer, Rajasthan
436	IIRP-2023-6454/F1	Development of an innovative CC-TB Dx (Children-specific CRISPR based-TB diagnostics) platform for Intrathoracic tuberculosis	Dr Sagarika Haldar	Postgraduate Institute of Medical Education & Research, Chandigarh
437	IIRP-2023-6474/F1	Targeting Tau Aggregation in Alzheimer's Disease: Evaluating the Synergistic Effect of Trigonelline and Epigallocatechin Gallate in vitro, Animal Models, and Human Brain Tissues	Dr Poornima Priyadarshini C G	CSIR-Central Food Technological Research Institute(CSIR-CFTRI), Chamaraanagar, Karnataka
438	IIRP-2023-6491/F1	Development of a rapid molecular diagnostic kit for antimicrobial resistance profiling in health-care-associated bloodstream and urinary tract infections	Dr Balaji Veeraraghavan	Christian Medical College, Vellore, Tamil Nadu
439	IIRP-2023-6492/F1	Circadian clocks and gestational diabetes: Consequences of long-term effect of shift of light during pregnancy	Dr Sanjeev Kumar Yadav	Banaras Hindu University, Varanasi, Uttar Pradesh
440	IIRP-2023-6505/F1	Development of Machine Learning based Prediction Models for Automated Detection of Laryngeal Cancers using Measures of Aerodynamics, Voice and Acoustic Voice Quality Index (AVQI).	Dr Banumathy Nagamani	Postgraduate Institute of Medical Education & Research, Chandigarh
441	IIRP-2023-6512/F1	EUS Guided choledochoduodenostomy vs ERCP guided FCSEMS For Preoperative Biliary Drainage: A Randomized Controlled Trial	Prof Praveer Rai	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
442	IIRP-2023-6528/F1	Establishing polycystic ovarian syndrome organoids for the screening of approved drugs targeting upregulated pathways	Dr Sheetal Sharma	Postgraduate Institute of Medical Education & Research, Chandigarh

443	IIRP-2023-6550/F1	Prevention of Down Syndrome Birth Through Awareness Campaign, Genetic counseling and development of preconceptional genetic markers .	Dr Mahrukh Hameed Zargar	Sher-I-Kashmir Instt. Of Medical Sciences, Srinagar, Jammu and Kashmir
444	IIRP-2023-6552/F1	Multi-centric Pan-India Study to Develop Pediatric Solid Tumor Gene Panel for the Indian Population through Whole Exome Sequencing [ICMR-funded]	Prof Prabudh Goel	All India Institute of Medical Sciences, Delhi
445	IIRP-2023-6590/F1	In vitro and In vivo assessment of the therapeutic potential of Simarouba glauca leaf extract for the treatment of Oral Squamous Cell Carcinoma (OSCC)	Dr Sushma Rudraswamy	JSS Dental College and Hospital, Mysuru, Karnataka
446	IIRP-2023-6593/F1	Discovery of RNA (long non-coding) markers for CAKUT malformations predisposing to renal failure	Dr Devendra Kumar Yadav	All India Institute of Medical Sciences, Delhi
447	IIRP-2023-6598/F1	Surveillance for occurrence of zoonotic infections/pathogens among migratory wild birds in selected sites of Himachal Pradesh, Sikkim, Maharashtra and Odisha: one Health Approach 1	Dr Ponnusamy Sathiyaselvam	Bombay Natural History Society, Mumbai, Maharashtra
448	IIRP-2023-6614/F1	Genome-wide association study on early onset coronary artery disease to uncover disease biology and drug repurposing.	Dr Anshika Srivastava	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
449	IIRP-2023-6622/F1	Mental health profile and Substance use pattern among Waste-pickers in Urban Bangalore- An Exploratory Study	Dr Shreedevi A U	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
450	IIRP-2023-6640/F1	Development of Non-infectious Ternary reporter surrogate system for SARS-CoV-2 comprising a replaceable RBD Cassette for rapid assessment of Vaccine efficacy against emerging Variants of Concern	Dr Muthukumar Nadar	Karunya Institute of Technology and Sciences, Coimbatore, Tamil Nadu
451	IIRP-2023-6643/F1	A whole blood transcriptomic study to identify potential therapeutic targets in sickle cell patients with high HbF levels	Dr Arun Vincent Kisku	Rajendra Institute of Medical Sciences, Ranchi, Jharkhand
452	IIRP-2023-6649/F1	Development and standardization of molecular method for early diagnosis of pulmonary cryptococcosis	Dr Harsimran Kaur	Postgraduate Institute of Medical Education & Research, Chandigarh
453	IIRP-2023-6678/F1	Development and evaluation of a recombinant Mycobacterium indicus pranii (MIP)-based therapeutic vaccine against HPV to mitigate cervical cancer risk in women with established virus infection.	Dr Pawan Kumar	All India Institute of Medical Sciences, Delhi
454	IIRP-2023-6688/F1	Design and development of Ti6Al4V/hydroxyapatite based functionally graded material using direct metal laser sintering for dental implant application.	Dr Girish Chandra Verma	Indian Institute of Technology (IIT), Indore

455	IIRP-2023-6691/F1	Oral Anticoagulation (Vitamin K antagonist) for Pulmonary Artery Hypertension(PAH) - A Pilot Randomized Control Trial	Dr Satyavir Yadav	All India Institute of Medical Sciences, Delhi
456	IIRP-2023-6747/F1	Empowering the community and frontline health workers to prevent and manage women's cancers in Indian states of Punjab, Uttar Pradesh and Meghalaya : CONFRONT CANCER	Dr Clarence J Samuel	Christian Medical College, Ludhiana, Punjab
457	IIRP-2023-6751/F1	Nebulized versus intravenous tranexamic acid for hemoptysis: A randomized controlled trial	Dr Prakash Ranjan Mishra	All India Institute of Medical Sciences, Delhi
458	IIRP-2023-6761/F1	1.Title of the Project: Understanding the molecular mechanisms predisposing colistin heteroresistance in Klebsiella pneumoniae clinical isolates	Dr Namita Jaggi	Artemis Hospital, Gurgaon, Haryana
459	IIRP-2023-6777/F1	Characterization of a novel T cell activation inhibitor in two pre-clinical inflammatory models of disease	Prof Dipankar Nandi	Indian Institute of Science (IISc), Bengaluru
460	IIRP-2023-6814/F1	Assessing Antibiotics Usage and Treatment Outcome Patterns in Hospitalized Patients with Serious Bacterial Infection Caused by Carbapenem-Resistant Organisms: A Single Centre Observational Study	Dr Soumyadip Chatterji	Tata Medical Center, 24 Paraganas North, West Bengal
461	IIRP-2023-6828/F1	An integrated assessment to improve the efficacy of gene expression based PAM50 classifier with additional miRNA and Epigenetic signature to improve prognostication in Breast Cancer using PDX based platform	Prof Gopal Chandra Kundu	Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha
462	IIRP-2023-6829/F1	Mechanistic studies on therapeutic restoration of myocardial autophagy-cell death equilibrium by targeting mitochondria of pathologically stressed cardiomyocytes	Dr Santanu Rana	Raja Pearymohan College, Hooghly, West Bengal
463	IIRP-2023-6834/F1	Phase II study of chemotherapy with low dose nivolumab as a neoadjuvant therapy in locally advanced head and neck squamous cell carcinoma of oral cavity	Dr Prasanth Penumadu	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
464	IIRP-2023-6867/F1	Comparison of transoral versus transnasal humidified rapid-insufflation ventilatory exchange for intubating conditions in children with difficult airway: A prospective, randomized, controlled trial.	Dr Devalina Goswami	All India Institute of Medical Sciences, Delhi
465	IIRP-2023-6927/F1	HCV Genome Characterization and Profiling of Plasma Metabolites in Patients with HCV Infection at Different time Intervals.	Dr Usha Kalawat	Sri Venkateswara Institute of Medical Sciences (SVIMS), Chittoor, Andhra Pradesh
466	IIRP-2023-6978/F1	Geriatric Oncology multidomain intervention study to prevent Cognitive impairment among older Indian patients with cancer receiving chemotherapy: A randomised controlled trial (GOCog)	Dr Nandini Menon	Tata Memorial centre, Mumbai, Maharashtra

467	IIRP-2023-7019/F1	Autoantibodies in patients with Visceral Leishmaniasis: A study from a tertiary care center from Northwest India	Prof Vikas Suri	Postgraduate Institute of Medical Education & Research, Chandigarh
468	IIRP-2023-7025/F1	Integrating Care for depression, anxiety and tobacco abuse in Tuberculosis Services in India – Protocol for a randomised controlled feasibility trial.	Dr Krishna Prasad Muliya	National Institute of Mental Health and Neurosciences, Bengaluru Urban, Karnataka
469	IIRP-2023-7038/F1	A participatory action study of peer support initiative for pregnant women with epilepsy to improve health outcomes	Dr Rajeswari Aghoram	Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry
470	IIRP-2023-7052/F1	Development and validation of a novel Biomimetic 3D-printed Dental Implant-based on the Voronoi algorithm for early osteointegration	Dr Dr. Anand Kumar Subramaniyan	Indian Institute of Technology (IIT), Jammu, Jammu and Kashmir
471	IIRP-2023-7063/F1	Design and Development of Potential Superhydrophobic Biomaterial to Minimize Catheter Associated Urinary Tract Infections: the proof of Concept	Dr Franklin Robert John	Cochin University of Science & Technology, Ernakulam, Kerala
472	IIRP-2023-7083/F1	Can 3-D printing and virtual reality improve outcomes in periarticular fractures - a double blinded randomized controlled trial?	Dr Siddhartha Sharma	Postgraduate Institute of Medical Education & Research, Chandigarh
473	IIRP-2023-7120/F1	Development and evaluation of Mtb derived cfDNA Mtb cfDNA method for diagnosis of pediatric tuberculosis	Prof Sunil Sethi	Postgraduate Institute of Medical Education & Research, Chandigarh
474	IIRP-2023-7139/F1	Efficacy of Expressive Art Therapy on Quality of life amongst Children with Acute Lymphoblastic Leukemia: A Randomized Controlled Trial	Dr Rajeev Ranjan	All India Institute of Medical Sciences, Patna, Bihar
475	IIRP-2023-7142/F1	Investigations on the role of innate immune response in neuroprotective effects of synthetic and natural heterosteroids on Alzheimer's disease pathogenesis and cognition	Prof Ranju Bansal	Panjab University, Chandigarh
476	IIRP-2023-7159/F1	To discover novel genetic variants predisposing to Inborn errors of Immunity in pediatric and adult mucormycosis patients	Dr Manpreet Dhaliwal	Postgraduate Institute of Medical Education & Research, Chandigarh
477	IIRP-2023-7187/F1	Effect of Targeted Parental Education Intervention to Identify Early Childhood Development Disorder - Multisite Interventional Study	Dr Vadivelan Kanniappan	S.R.M. Institute of Sciences and Technology, Kanchipuram, Tamil Nadu
478	IIRP-2023-7209/F1	Upscaling Kerala's stroke care units to certified Primary stroke care centres - An implementation research	Dr Jithesh Veetilakath	State Health Systems Resource Centre, Trivandrum, Kerala



479	IIRP-2023-7214/F1	Family-centered tobacco cessation intervention among indigenous tobacco users in Assam, Nagaland and Andhra Pradesh: A multi-centre feasibility study.	Dr Limalemla Jamir	All India Institute of Medical Sciences, Guwahati
480	IIRP-2023-7223/F1	Restoration of adipogenic-osteogenic differentiation nexus in bone marrow mesenchymal stem cells of aplastic anemia patients using epigenetic drugs	Dr Chandra Prakash Chaturvedi	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, Uttar Pradesh
481	IIRP-2023-7226/F1	Innovative Strategies for the Design and Development of FXR/TGR5 dual Agonists for Hepatic Steatosis and Fibrosis in NASH	Dr Chandraiah Godugu	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
482	IIRP-2023-7250/F1	Evaluating the effect of community-based pre-conception care package through trained nurses on pre-conception health, maternal and child health outcomes: a stepped-wedge cluster randomized implementation trial	Dr Abhishek Vijaykumar Raut	Mahatma Gandhi Institute of Medical Sciences, Wardha, Maharashtra
483	IIRP-2023-7256/F1	Therapeutic Targeting of the HIF1 $\alpha$ /VEGF Pathway with Cannabidiol (CBD) Analogues in Cerebral Stroke	Dr Durga Prasad Mishra	CSIR-Central Drug Research Institute(CSIR-CDRI), Lucknow, Uttar Pradesh
484	IIRP-2023-7278/F1	Long term lung function outcomes in children with Intrathoracic tuberculosis: an ambispective observational study.	Prof Rakesh Lodha	All India Institute of Medical Sciences, Delhi
485	IIRP-2023-7289/F1	Investigating the therapeutic potential of solid lipid nanoparticles encapsulated siRNA mediated NF- $\kappa$ B silencing and its role in pharmacoresistance in rat model of refractory status epilepsy	Prof Lekha Saha	Postgraduate Institute of Medical Education & Research, Chandigarh
486	IIRP-2023-7295/F1	In silico design and synthesis of inhibitors targeting RNA editing pathway and assessing their anti-leishmanial efficacy in vitro and in vivo to generate anti-leishmanial agent	Dr Bidyut Purkait	CSIR-Central Drug Research Institute(CSIR-CDRI), Lucknow, Uttar Pradesh
487	IIRP-2023-7325/F1	Field evaluation of the multiplex real time polymerase chain reaction test for the diagnosis of early leprosy infections	Dr Itu Singh	The Leprosy Mission Hospital, Delhi
488	IIRP-2023-7329/F1	Can Kangaroo Mother Care (KMC) during the first 72 hours lead to improved breastfeeding and growth among normal birth weight newborns? - A randomized controlled trial	Dr Vishwajeet Kumar	Community Empowerment Lab, Lucknow, Uttar Pradesh
489	IIRP-2023-7380/F1	Development of non-invasive Point of Care Testing Device to Screen Oral Potentially Malignant Disorders at all Levels of Health Care.	Dr Dr Ashwini Narasannavar Basagouda Narasannavar	Jawaharlal Nehru Medical College, Belagavi, Karnataka
490	IIRP-2023-7395/F1	An integrated metabolomics and lipidomics approach for identifying biomarkers for early diagnosis and histological subtyping of the Non-Small-Cell-Lung Cancer	Dr Uma Sharma	All India Institute of Medical Sciences, Delhi

491	IIRP-2023-7397/F1	Pre-clinical evaluation of novel Dysideanone analogs with proven anti-cancer activity targeting Triple negative breast cancer : a leap forward from bench to bedside	Prof Rayala Suresh Kumar	Indian Institute of Technology (IIT), Madras
492	IIRP-2023-7414/F1	Development and translation of a non-invasive, saliva & gingival crevicular fluid based sensor for management of diabetes.	Dr Mirza Khalid Baig	National Institute of Technology, Rourkela
493	IIRP-2023-7416/F1	Affordable Paper-based point-of-care device for rapid detection of glycocalyx markers for sepsis patients in Intensive Care Unit	Dr Amit Asthana	National Institute of Pharmaceutical Education And Research (NIPER), Hyderabad
494	IIRP-2023-7417/F1	Hypoxia, angiogenesis and stemness markers predicting outcome of locoregional and immunotherapy for hepatocellular carcinoma	Dr Baibaswata Nayak	All India Institute of Medical Sciences, Delhi
495	IIRP-2023-7421/F1	The association of serum HPV detection and cancer recurrence during post treatment surveillance of patients with HPV associated cervical cancer, stage IB-IVB: an observational study	Dr Vinotha	Christian Medical College, Vellore, Tamil Nadu
496	IIRP-2023-7453/F1	Zoonotic Implications of Mycobacterium bovis in Human Intestinal Tuberculosis: Tissue Tropism and Treatment Outcome	Dr Jagdip Singh Sohal	GLA University, Mathura, Uttar Pradesh
497	IIRP-2023-7476/F1	Genetic analysis by Next Gen Sequencing and Genotype-Phenotype Correlation in Primary Steroid Resistant Nephrotic Syndrome	Dr Prit Pal Singh	Indira Gandhi Institute of Medical Sciences, Patna, Bihar
498	IIRP-2023-7509/F1	Evaluation of Neat1 as a therapeutic target for cardiac hypertrophy	Dr Kumarswamy Regalla	CSIR-Centre for Cellular Molecular Biology(CSIR-CCMB), Hyderabad, Telangana
499	IIRP-2023-7529/F1	A randomized controlled trial of complementary feeding at chronological age of 6 months vs corrected age of 6 months in preterm neonates	Prof Kanya Mukhopadhyay	Postgraduate Institute of Medical Education & Research, Chandigarh
500	IIRP-2023-7582/F1	Development of an Early Warning System for Detection of Neonatal Sepsis using Artificial Intelligence for hospital settings	Dr Shashi Kant Dhir	Guru Gobind Singh Medical College and Hospital, Faridkot, Punjab
501	IIRP-2023-7609/F1	Structure-based Design and Development of Selective New Delhi Metallo beta lactamase-1 Inhibitors to Combat Antibiotic Resistance	Dr Md. Khurshid Alam Khan	B.S. Abdur Rahman Crescent Institute of Science and Technology, Trivandrum, Kerala
502	IIRP-2023-7618/F1	Ophthalmic artery doppler indices and serum placental growth factor in prediction of adverse maternal outcome in preeclampsia.	Prof Ratna Biswas	Lady Hardinge Medical College, New Delhi
503	IIRP-2023-7625/F1	ROLE OF SERUM FERRITIN IN PREDICTING THE SEVERITY OF DENGUE FEVER AND ITS CO-RELATION WITH OTHER LABORATORY PARAMETERS.	Dr Shilpa Chandrakant Patil	Krishna Vishwa Vidyapeeth Deemed To Be University, Karad, Satara, Maharashtra
504	IIRP-2023-7647/F1	Optical Coherence Tomography (OCT) and its Brain volume correlates in Alzheimer's disease (AD)- a cross-sectional study	Dr Shailendra Mohan Tripathi	King George Medical University, Lucknow, Uttar Pradesh

505	IIRP-2023-7664/F1	16S rDNA amplicon and metagenomic nanopore sequencing for rapid detection of bacterial pathogens in febrile neutropenia for pediatric acute leukemia and hematopoietic stem cell transplant	Prof Sameer Bakhshi	All India Institute of Medical Sciences, Delhi
506	IIRP-2023-7753/F1	Study of Placental and neonatal gene signatures responsible for intrauterine growth retardation and insulin resistance during childhood	Prof Kanya Mukhopadhyay	Postgraduate Institute of Medical Education & Research, Chandigarh
507	IIRP-2023-7778/F1	Identification of Oral Cancer using Image Processing and Artificial Intelligence.	Mr Rupesh Mandal	Assam Don Bosco University, Kamrup, Assam
508	IIRP-2023-7784/F1	Effectiveness of newly developed Clinical Decision Support System integrated with Electronic Medical Records in the management of Chronic Obstructive Pulmonary Disease among patients visiting a selected hospital, Coimbatore, TN, India.	Dr Sundarakumar Sundarajan	G. Kuppuswamy Naidu Memorial Hospital, Coimbatore, Tamil Nadu
509	IIRP-2023-7794/F1	Evaluation of Cervical Cancer Disease Progression and Testing Strategy by Point of Care Device & HPV Testing in HIV positive Women in Manipur	Dr Rajiv Kumar Kar	Indian Institute of Technology(IIT), Guwahati
510	IIRP-2023-7802/F1	Functionalised Graphene Quantum Dots Iron Oxide Formulation for the Therapeutic Assessment of 3D Triple-Negative Breast Cancer model in Hyperthermia Condition	Prof Niroj Kumar Sahu	Vellore Institute of Technology, Vellore, Tamil Nadu
511	IIRP-2023-7816/F1	Dissecting the role of vaginal and urinary tract Microbiome Dysbiosis in recurrent Urinary Tract Infections and emergence of Antimicrobial Resistance: A case-control study	Dr G Seghal Kiran	Pondicherry University, Puducherry
512	IIRP-2023-7834/F1	Splicing inhibition of Mtu SufB protein: a therapeutic approach to manage drug-resistant tuberculosis	Dr Sasmita Nayak	Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha
513	IIRP-2023-7842/F1	Preclinical Studies to Investigate Citrate-Functionalized Tri-Manganese Tetroxide Nanoparticles for Its Bilirubin Reduction Properties for Risk of Severe Neonatal Hyperbilirubinemia	Prof Asim Kumar Mallick	Nilratan Sircar Medical College, Kolkata, West Bengal
514	IIRP-2023-7847/F1	Evaluation of the effect of fibrinogen on peripartum haemorrhage in Placenta accreta spectrum (PAS) disorders, a double blind randomized controlled trial.	Dr Amit Kumar Malviya	All India Institute of Medical Sciences, Delhi
515	IIRP-2023-7856/F1	Preclinical evaluation of potential new antibiotics derived from mangrove actinobacteria of Indian Sundarbans targeting bacterial cell wall synthesis inhibition and antibiofilm activity against resistant pathogens	Dr Kaushik Biswas	Eminent College of Pharmaceutical Technology, 24 Praganas North, West Bengal
516	IIRP-2023-7861/F1	Production of recombinant Humanized monoclonal antibody, Ibalizumab and its variants from Pichia pastoris	Prof Venkata Dasu Veeranki	Indian Institute of Technology(IIT), Guwahati

517	IIRP-2023-7874/F1	A Comprehensive Epidemiological Survey of Avian Influenza Virus in the Migratory Pathways of Jammu and Kashmir	Dr Nadeem Shabir	Sher-e-Kashmir University of Agricultural Science & Technology, Srinagar, Jammu and Kashmir
518	IIRP-2023-7882/F1	A prospective study to evaluate outcomes of therapeutic plasma exchange in patients with acute on chronic liver failure and identify biomarkers of therapeutic response	Dr Rakhi Maiwall	Institute of Liver and Biliary Sciences, New Delhi, Delhi
519	IIRP-2023-7901/F1	Evaluation of efficacy of adjunctive oral perampanel in children with Lennox Gastaut syndrome: a double-blind, placebo-controlled randomized trial	Dr Indar Kumar Sharawat	All India Institute of Medical Sciences, Rishikesh, Uttarakhand
520	IIRP-2023-7925/F1	Development of Injectable Platelet Rich Fibrin Scaffold Reinforced with Egg Shell-Derived Biomimetic Nanohydroxyapatite Seeded with Stem Cells from Human Exfoliated Deciduous Teeth for Pulp-Dentin Bioengineering.	Dr J Shanti Swarup	TamilNadu Government Dental College and Hospital, Chennai, Tamil Nadu
521	IIRP-2023-7930/F1	Role of Newer Hepatitis B Virus Infection Related Markers in Diagnosis and Management of Hepatitis B Patients	Dr Shruti Radera	King George Medical University, Lucknow, Uttar Pradesh
522	IIRP-2023-7941/F1	Mapping dengue virus (DENV) serotype-specific neutralizing epitopes on envelope E protein by deep mutational scanning	Dr Anusmita Sahoo	Indian Institute of Technology (IIT), Kanpur
523	IIRP-2023-7950/F1	A study to develop and evaluate a manual-assisted, tailored brief intervention (BI) for cardiovascular risk reduction (vs care as usual) in patients with depression: A two-arm parallel randomized control trial (RCT)	Dr Raman Deep	All India Institute of Medical Sciences, Delhi
524	IIRP-2023-7965/F1	MECHANISTIC AND HIGH THROUGHPUT EVALUATION OF NOVEL IDENTIFIED COMPOUNDS/INHIBITORS AND THEIR NANOFORMULATIONS AGAINST CLINICAL ISOLATES OF MALARIA	Prof Bikash Medhi	Postgraduate Institute of Medical Education & Research, Chandigarh
525	IIRP-2023-7970/F1	Effect of positive deviance approach on promotion of safe disposal of child's faeces in southern coast of India: A community-based quasi-experimental study	Dr Nancy S	Vinayaka Missions Medical College & Hospital, Karaikal, Puducherry
526	IIRP-2023-8048/F1	Unraveling the Diagnostic Power of Novel Biomarkers and Microbial Profiling with Genotyping and Whole-Genome Sequencing for Early and Late-Onset Sepsis Diagnosis and Outcome Prediction in Preterm Neonates	Dr Sheetal Verma	King George Medical University, Lucknow, Uttar Pradesh
527	IIRP-2023-8109/F1	PEG-PCL-PEG Polymeric-Based Model Systems for Site-Specific Drug Delivery of Nano Fucoidan for the Treatment of Oral Mucositis	Prof Saravanan Muthupandian	Saveetha Dental College & Hospital, Chennai, Tamil Nadu

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

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