

INTRAMURAL GRANT RESEARCH PROPOSALS -2024
List of Selected Projects

1) The selection process for Intramural grants for which the applications closed on 31- August -2024, 1700 hrs 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.

S. No.	Proposal ID/Version	Proposal Title
1	INTR-IM-2024-00063	Targeting cell-free circulating epigenomic signature analysis for monitoring air pollution associated-non-small cell lung cancer using an Indigenous low-cost nanobiosensor
2	INTR-IM-2024-00192	Nomophobia Prevention and Behavioural Therapy: An Interventional Study Among College-going Adolescents and Young Adults in Selected Districts of Rajasthan, Haryana and Himachal Pradesh
3	INTR-IM-2024-00076	Development of recombinant monoclonal camelid nanobodies based next-generation anti-cobra venom and pre-clinical investigation of its venom neutralization potential
4	INTR-IM-2024-00259	Validation of a Non-invasive Hemoglobin Estimation Device against Hematology Auto Analyzer for Anemia Screening in preschool Settings
5	INTR-IM-2024-00165	Development and characterization of diet-induced metabolic dysfunction-associated steatotic liver disease (MASLD) model in rhesus monkeys
6	INTR-IM-2024-00061	Identification of predictive biomarkers associated with chemoresistance in gallbladder cancer
7	INTR-IM-2024-00125	Validation of 2-Hydroxyglutarate as a circulatory surrogate biomarker of IDH mutant gliomas and development of minimally invasive point of care biosensor device for its detection.
8	INTR-IM-2024-00215	Improving diagnosis and management of frailty using IoT in primary health care Setting: A proof of concept study
9	INTR-IM-2024-00179	Development of plant-based broad spectrum anti-snake venom formulation and field evaluation for first aid therapy.
10	INTR-IM-2024-00077	Optimizing oral cancer screening through capacity building of Healthcare workers of Health and Wellness Centres of districts of Rajasthan- An Implementation Research

11	INTR-IM-2024-00159	Cervical Cancer Screening via Self-Sampling in Urban Slum: A Pilot Initiative Led by Community Health Workers in Pimpri Chinchwad
12	INTR-IM-2024-00207	Assessing reach and effectiveness of primary HPV-DNA-based vs visual inspection methods for scalability and sustainability of cervical cancer screening in community-based settings in Delhi
13	INTR-IM-2024-00108	Designing, development and field validation of a point-of-care diagnostics multiplexed system for non-invasive identification of heavy metals exposure
14	INTR-IM-2024-00154	Assessing Kidney Injury Trends and Economic Consequences of Climate Change on Workers in India
15	INTR-IM-2024-00093	Development of optimal case finding strategy for early detection of chronic kidney disease in the community and possible programme integration
16	INTR-IM-2024-00150	Optimizing Flow-FISH for Telomere Length Measurement and In-House Kit Development
17	INTR-IM-2024-00103	A comprehensive situational assessment of survivorship care for cervical cancer survivors in India
18	INTR-IM-2024-00241	Evaluation of workplace fugitive noise and its impact on the hearing threshold and Cochlear protein biomarkers in saw mill workers.
19	INTR-IM-2024-00212	Designing and Development of an engineering module to mitigate impact air pollution in the open-air occupational environment.
20	INTR-IM-2024-00199	Preclinical evaluation of long-term safety, anti-diabetic efficacy, and molecular mechanism of phytopharmaceutical from traditionally used plant NITM-156.
21	INTR-IM- 2024-00002	Development of Customized Antimicrobial Stewardship Program for Rural Hospitals using Hub and Spoke model in districts of West Bengal -a health system implementation research.
22	INTR-IM- 2024-00190	Development of Bacteriophage with Scaffold to Combat Multi-Drug Resistant Pathogens in Urinary Tract Infection (DEBAMURTI).
23	INTR-IM- 2024-00247	Development of novel molecular diagnostic target for detection of Scrub typhus
24	INTR-IM-2024-00128	A nano-herbal composite to target H pylori infection and associated gastric complications: a novel therapeutic approach
25	INTR-IM-2024-00183	Evaluating the utility of molecular workflow for establishing microbial profile and antimicrobial resistance for neonatal sepsis in a tertiary care setting in Maharashtra
26	INTR-IM-2024-00080	Development and validation of CRISPR-Cas integrated Loop-Mediated Isothermal Amplification diagnostic test for the rapid detection of antibiotic-resistant <i>Klebsiella pneumonia</i>
27	INTR-IM-2024-00139	Evaluating the association of antifungal resistance, vaginal microbiome, host genetic and immune factors in women with recurrent vulvovaginal candidiasis

28	INTR-IM-2024-00007	Development of nanoparticle-based lateral flow-immunoassay for semi-quantitative estimation of human IgG
29	INTR-IM-2024-00015	Four-month moxifloxacin containing shorter regimen versus six-months standard regimen for treatment of drug sensitive TB in children - open labelled randomised controlled trial
30	INTR-IM-2024-00047	A phase 3 trial of 2 adjunctive disease modifying drugs in patients with Rifampicin susceptible tuberculosis and impaired lung function at baseline (TB-DMD)
31	INTR-IM-2024-00087	Impact of the m-Health counselling support on adherence and treatment outcome among newly diagnosed DSTB patients under programmatic setting in India: An implementation research study
32	INTR-IM-2024-00072	Decoding Bedaquiline Resistance: Mutational Profiling in Tuberculosis
33	INTR-IM-2024-00135	Implementing a Screening and Identification Model for Latent Tuberculosis Among Family Members of TB Patients Using the Cytb Test with Android Application
34	INTR-IM-2024-00250	Developing and testing an optimized intervention to enhance cervical cancer screening among HIV positive women attending ART centers using Multiphase Optimization Strategy (MOST) framework
35	INTR-IM-2024-00055	Assessing the Effectiveness of Two Interventions Compared to the Current Model in Enhancing LLIN Utilization in Malaria-Endemic States: A Multicentric Cluster Randomized Controlled Trial
36	INTR-IM-2024-00155	Implementing a digital platform for the real-time capturing, monitoring and control of malaria among migrant laborers in Goa state
37	INTR-IM-2024-00009	Spatio-temporal distribution and incrimination of vectors of rickettsial diseases in two states of North-East India.
39	INTR-IM-2024-00249	Strengthening Cancer Staging in Hospital-Based Cancer Registries under National Cancer Registry programme: A Multimodal Approach with Data Audits Systems, Can Staging Implementation and Capacity Building
40	INTR-IM-2024-00046	Development of AI image binary classification algorithm and validation of Bioimpedance device to classify oral lesions: Multi-centric study in seven states of Northeast India
41	INTR-IM-2024-00178	The study aligns with national priorities and institutional expertise, addressing key adolescent health care gaps. The study should focus on one district in Rajasthan instead of targeting two districts. Methodological refinements are needed in research design, sample selection, and statistical analysis.
42		Estimation of polychloro dibenzo- p-dioxins(PCDDs), polychlorinated biphenyls(PCBs), phthalates(PAEs), Volatile Organic Compounds (VOCs),Polycyclic Aromatic Hydrocarbons (PAHs) and Heavy Metals (HMs) in children diapers in India

43	INTR-IM-2024- 00173	Role of DNA damage response in regulating virus replication in the trophoblast cells among pregnant women with febrile
44	INTR-IM-2024- 00109	Hemoglobin oxygen affinity explain anemia without iron deficiency and predicts response to iron treatment in women of reproductive age