

Completed Extramural & CSIR Projects (2024-2025)

Sl. No.	Name of the project	Project code	Name of PI	Total Project Cost received (Rs. In Lakhs)	Funding Agency	Start Date	Completion Date
1	Role of endoplasmic reticulum (ER) stress induced UPR signalling in regulating the metabolic fitness and functionality of CD8+ T cells in cancer	GAP-417	Dr. Shilpak Chatterjee	351.117	DBT, Wellcome Trust	01.01.2020	31.12.2024
2	The steroid sensitizing role of RXR-Gamma, a nuclear receptor, in the pathogenesis of emphysema	GAP-432	Dr. U. Mabalirajan	28.290	SERB	05.02.2021	04.07.2024
3	Exploring the role of DNase1L3 in obesity-associated metaflammation and type2 diabetes	GAP-433	Dr. Dipyaman Ganguly	26.410	CEFIPRA	01.03.2021	30.06.2024
4	Adipose tissue-Beta cell axis in the pathophysiology of Non-obese Type 2 Diabetes : Role of Adipokines	GAP-434	Dr. Partha Chakrabarti	24.560	ICMR, Govt. of India	29.03.2021	24.09.2024
5	Regulation of trophoblast development and placental pathophysiology by long non-coding RNA	GAP-437	Dr. Rupasri Ain Dr. Partha Chakrabarti	51.866	SERB, Govt. Of India	12.07.2021	11.07.2024
6	Development of visible-light photoredox and transition metal dual catalytic alkene difunctionalization reactions	GAP-439	Dr. Ranjan Jana	25.056	SERB, Govt. Of India	20.12.2021	19.12.2024
7	Translocation and regulation of an unusual novel PAS domain containing phosphoglycerate kinase in Leishmania	GAP-440	Dr. Subrata Adak	35.748	SERB, Govt. Of India	30.12.2021	29.12.2024
8	Understanding the regulatory role of co-activator binding protein PIMT in the pancreatic Beta cells of diabetic animals and T3c diabetic (chronic pancreatitis) humans	GAP-441	Dr. Partha Chakrabarti	12.960	SERB, Govt. Of India	31.12.2021	30.12.2024
9	Evaluation of insulin-like growth factor 2 (IGF2) as a potential epigenetic biomarker and therapeutic target to abolish the metabolic memory in diabetic retinopathy	GAP-442	Dr. G Senthil Kumar	37.740	ICMR, Govt. of India	26.12.2021	25.12.2024
10	Clinical role of a pair of novel mutations in BCR-ABL1 towards therapy switch in imatinib-resistant chronic myeloid leukemia	GAP-443	Dr. Arindam Talukdar	79.930	LADY TATA Memorial Trust	04.02.2022	03.02.2025
11	Functional dissection of Jmjd3 during embryonic and adult hippocampal neurogenesis	GAP-444	Dr. Prem Prakash Tripathi	42.220	SERB, Govt. Of India	23.02.2022	22.02.2025
12	Phase II/III clinical trials of an indigenously-developed hepatitis E vaccine and evaluating its immune correlates	GAP-445	Dr. Dipyaman Ganguly	57.800	BIRAC	09.02.2022	30.11.2024
13	In quest of novel drug targets : Investigation on structural dynamics of the mycobacterium ribosome using high-resolution cryo-electron microscopy	GAP-446	Dr. Jayati Sengupta	38.100	SERB	28.03.2022	27.03.2025
14	Investigation of the regulation of plant immunity by sphingolipids in rice	GAP 452	Dr. Smrutisanjita Behra	27.770	SERB	13.12.2022	12.12.2024
15	Reverse pharmacology of traditional medicine using modern biomedical techniques	GAP 489	Dr. P Jaisankar	9.000	CCRAS, Ministry of Ayush	03.02.2025	08.02.2025

Sumit Kumar
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16	Determination and analysis of biological activities of Identified Molecules from Mistletoe	SSP-458	Dr. P Jaisankar	21.240	Swasthaniketan Integrated Healthcare & Research Foundation	01.02.23	31.01.2025
17	Deriving a pan-omics diagnostic pipeline for systems level immune health and therapeutic targeting in systemic autoimmunity	MLP135	Dr. Dipyaman Ganguly	370.000	CSIR	03.03.2021	31.03.2025
18	Leishmaniasis: Target specific approaches to affect host-pathogen interaction and disease process	MLP136	Dr. Subrata Adak	300.000	CSIR	03.03.2021	31.03.2025
19	Modern innovative solutions for Environmental/ Occupational Lung Health challenges using clinical and pre-clinical strategies	MLP137	Dr. U Mabalirajan	406.000	CSIR	03.03.2021	31.03.2025
20	Non-alcoholic Fatty Liver Disease (NAFLD): Novel Pathogenetic mechanism and therapeutic development	MLP138	Dr. Partha Chakrabarti	499.490	CSIR	03.03.2021	31.03.2025
21	Targeting RNA driven processes: Novel Chemical Biology Approaches to Identify New Classes of RNA Modulators	MLP139	Dr. Suvendra N Bhattacharya Dr. Sanjay Dutta	410.000	CSIR	03.03.2021	31.03.2025
22	Discovery & Pre-clinical Development of Antivirals for COVID-19 & other Diseases	HCP 41	Dr. Arindam Talukdar	247.000	CSIR	08.11.2021	31.03.2025
23	Active Pharmaceutical Ingredients for Affordable Health Care (API-AHC)	HCP 50	Dr. Indu Bhusan Deb	168.000	CSIR	03.07.2023	31.03.2025

Sanjit Ghosh
08/06/23