

List of schemes/ projects/ Program underway 2024-25

SR. NO	Project Name	Sanction Number	PI	Funding Agency	Start Date	End date	Status
1	J C Bose Fellowship	JCB/2020/000020	Dr. Arvind Sahu	SERB	25-11-2020	24-11-2025	Ongoing
2	Influence of Obesity/associated factors on immune cells (monocytes and macrophages) as well as on DNA damage response and its implications in cancers.	CRG/2020/005264	Dr. Manoj Kumar Bhat	SERB	06-06-2023	05-06-2026	Ongoing
3	Establishment of GMP-Compliant National Repository for banking, safe deposit and supply of characterized mammalian cells for use in biopharma.	BIRAC/BT/NBM0166/04/19	Dr. Punam Nagvenkar	BIRAC	26-11-2019	31-3-2026	Ongoing
4	Precision antibodies engineering centre (PACE).	IPA/2021/000148	Dr. Akanksha Chaturvedi(Co-PI)	SERB	03-03-2022	02-03-2027	Ongoing
5	Understanding the functions of Annulate Lamellae, an underexplored cell organelle.	SPR/2021/000352	Dr. Jomon Joseph	SERB	22-03-2022	21-02-2026	Ongoing
6	A novel function for a conserved bio-amine in long-term memory and RNA granule remodeling-No. 6503-E.	IFC/6503-1/2022(CEFIPRA)	Dr. Amitabha Majumdar	IFCPAR	01-07-2022	30-09-2026	Ongoing
7	Characterization of the effect of pathogenic Cltc variants in early development.	BT/PR43190/ME D/97/573/2021	Dr. Deepa Subramanyam	DBT	26-09-2023	25-09-2026	Ongoing
8	To develop therapeutic leads to counter PD-L1 mediated suppression of immune system in cancer microenvironment.	5/13/46/2022/N CD-III	Dr. Manas Santra	ICMR	20-03-2023	19-03-2026	Ongoing
9	Identification and Validation of Neoantigens in a syngenic mouse model of Overain cancer.	2021-10212/GENOMICS/ADHOC-BMS	Dr. Sharmila Bapat	ICMR	17-04-2023	16-04-2026	Ongoing
10	Charatacterization of Pseudogene-like CTs in Overian Cancer.	BT/PR44676/ME D/30/2399/2022	Dr. Sharmila Bapat	DBT	24-01-2023	23-01-2026	Ongoing

11	Generation of novel high-affinity human monoclonal antibody cocktail against Rabies virus for efficacious post-exposure prophylaxis.	Sree PVF/G/TS/22/1	Dr. Akanksha Chaturvedi	Sree Padmavathy Venkateswara Foundation	01-09-2023	28-02-2026	Ongoing
12	Understanding the molecular mechanism of biogenesis of lysosome-related organelles using the Tetrahymena thermophila model system.	IA/1/22/2/506480	Dr. Santosh Kumar	DBT-Wellcome	01-09-2023	31-08-2028	Ongoing
13	Understanding the role of specific serotonin receptor signaling in modulating the antigen-specific immunity to control tumor growth.	CRG/2022/007108	Dr. Girdhari Lal	SERB	11-09-2023	10-09-2026	Ongoing
14	Establishment of A Pune Biotech Cluster, "Model Organism to Human Disease."	BT/ Pune - Biocluster /01/2015	Director (Additional Charge), NCCS, Pune	DBT	29-06-2018	28-12-2025	Ongoing
15	VAPB at membrane contact sites: ALS-FTD at the crossroads of ER stress, proteostasis, lipid homeostasis and inflammation.	EMSTAR/2023/S L03	Dr. Jomon Joseph	Pratiksha Trust	01-03-2024	28-02-2029	Ongoing
16	VAPB at membrane contact sites: ALS-FTD at the crossroads of ER stress, proteostasis, lipid homeostasis and inflammation.	EMSTAR/2023/S L03	Dr. Gaurav Das	Pratiksha Trust	01-03-2024	28-02-2029	Ongoing
17	Understanding the virus-nuclear pore complex crosstalk using computational and structural biological approaches.	HRD-16016/13/2023-AFS-DBT	Dr. Krishna Kant Gupta	DBT	03-04-2023	02-04-2026	Ongoing
18	Functional implications of evolutionarily conserved motifs in complement factor H-an alternative complement pathway regulator linked to multiple human diseases.	HRD-16016/12/2023-AFS-DBT	Dr. Atala Bihari Jena	DBT	03-04-2023	02-04-2026	Ongoing
19	Identifying the role of host F-box proteins, a component of E3 ubiquitin ligase complex, in HIV-1 pathogenesis and their potential use as therapeutic target against the virus.	CRG/2023/005348	Dr. Debashis Mitra	SERB	10-06-2024	09-06-2027	Ongoing
20	Molecular and Functional studies on Lncrna-guided regulation of replication stress response and genome integrity in mammalian cells.	37WS(0036)/2023-24/EMR-II/ASPIRE	Dr. Vidisha Tripathi	CSIR	20-06-2024	19-06-2027	Ongoing
21	Investigating the role of Clathrin Light Chain in Neural Development and Function.	37WS(0032)/2023-24/EMR-II/ASPIRE	Dr. Deepa Subramanyam	CSIR	20-06-2024	19-06-2027	Ongoing

22	Exploring the Marine Ecosystems for Novel Bioresources with Human Health and Industrial Significance.	MoES/PAMC/DO M/181/2023 (E-14616)	Dr. Avinash Sharma	Ministry of Earth Sciences	01-04-2024	31-03-2026	Ongoing
23	JC Bose Fellowship	SB/S2/JCB-01/2023	Dr. Shekhar Mande	SERB	13-11-2023	24-09-2028	Ongoing
24	Identifying the neuro-immune pathways that modulate feeding behavior and metabolism in Drosophila.	BT/PR51490/ME D/122/361/2024	Dr. Gaurav Das	DBT	27-09-2024	26-09-2027	Ongoing
25	Deciphering the molecular mechanism of fluidphase alternative pathway regulation by complement regulatory protein factor H.	CRG/2023/001054	Dr. Arvind Sahu	ANRF	11-10-2024	10-10-2027	Ongoing
26	Investigating the role of Substance P-mediated neuroimmune communication in controlling gut inflammation.	HRD-16012/5/2024-HRD-DBT (E-comp.no.19958) - Tata Innovation Fellowship	Dr. Girdhari Lal	DBT	03-12-2024	02-12-2027	Ongoing
27	Ayurveda-based botanicals and Alzheimer's disease-AYUSH Center of Excellence, Center for Complementary and Integrative Health School of Health Sciences.SPPU.	S-12011/5/2018-SCHEME(CoE)	Dr. Dhiraj Dhotre	Ministry of Ayush	22-03-2024	21-03-2026	Ongoing
28	Ayurveda-based botanicals and rheumatoid arthritis-AYUSH Center of Excellence, Center for Complementary and Integrative Health School of Health Sciences.SPPU.	S-12011/5/2018-SCHEME(CoE)	Dr. Girdhari Lal	Ministry of Ayush	22-03-2024	21-03-2027	Ongoing
29	Dissecting the Mycobacterium tuberculosis-human protein-protein interactions by using deep learning framework.-MK Bhan	HRD-16016/14/2025-HRD-DBT (E-20900)	Dr. Elakkiya Elumalai	DBT	01-10-2024	30-09-2027	Ongoing
30	Investigating the molecular mechanisms of TIA-1-mediated liquid-liquid phase separation and its implication in neurodegenerative disease.-MK Bhan	HRD-16016/15/2025-HRD-DBT (E-20901)	Dr. M P Taraka Prabhu	DBT	01-10-2024	30-09-2027	Ongoing
31	Understanding and targeting phase-seperated transcriptional biomolecular condensates as oncotherapy.	DST/INSPIRE/IF F/Batch20/2024-25/IFA23-LSBM276	Dr. Ambuja Navalkar	DST	11-09-2024	10-09-2029	Ongoing
32	Harnessing the inherent potential of soil microbiome in inducing disease suppressiveness in arable land.	BT/PR51280/BC E/8/1823/2023	Dr. Avinash Sharma	DBT	14-01-2025	13-01-2028	Ongoing