

List of schemes/ projects/ Program underway 2025-26

Sr.No.	Project Name	Sanction Number	PI	Funding Agency	Start Financial Year	End Financial Year	Start Date	End date
1	Elucidation of the role of long noncoding RNA-Ginir as a biomarker in lung tumorigenesis.	BT/PR36142/MED/30/2201/2020	Dr. Manas Santra	DBT	2021-22	2025-26	19-08-2021	18-08-2025
2	J C Bose Fellowship	JCB/2020/000020	Dr. Arvind Sahu	SERB	2020-21	2025-26	25-11-2020	24-11-2025
3	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	2023-24	2026-27	06-06-2023	05-06-2026
4	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	2019-20	2025-26	26-11-2019	31-3-2026
5	Studying the liquid-liquid phase separation properties associated with a transcriptional co-activator.	CRG/2021/003130	Dr. Amitabha Majumdar	SERB	2021-22	2025-26	21-01-2022	20-07-2025
6	Precision antibodies engineering centre (PACE).	IPA/2021/000148	Dr. Akanksha Chaturvedi	SERB	2021-22	2026-27	03-03-2022	02-03-2027
7	Understanding the functions of Annulate Lamellae, an underexplored cell organelle.	SPR/2021/000352	Dr. Jomon Joseph	SERB	2021-22	2025-26	22-03-2022	21-02-2026
8	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	2022-23	2026-27	01-07-2022	30-09-2026
9	Characterization of the effect of pathogenic Cltc variants in early development.	BT/PR43190/MED/97/573/2021	Dr. Deepa Subramanyam	DBT	2023-24	2026-27	26-09-2023	25-09-2026
10	Investigating molecular mechanisms governing the proliferation - differentiation balance in adult stem cells during chronic infections.	DST/INSPIRE/04/2018/002808	Dr. Prasad Abnave	DST	2019-20	2025-26	25-07-2019	24-07-2025
11	To develop therapeutic leads to counter PD-L1 mediated suppression of immune system in cancer microenvironment.	5/13/46/2022/NCD-III	Dr. Manas Santra	ICMR	2022-23	2025-26	20-03-2023	19-03-2026

12	Identification and Validation of Neoantigens in a syngenic mouse model of Overrain cancer.	2021-10212/GENOMICS/ADHOC-BMS	Dr. Sharmila Bapat	ICMR	2023-24	2026-27	17-04-2023	16-04-2026
13	Charatacterization of Pseudogene-like CTs in Overian Cancer.	BT/PR44676/MED/30/2399/2022	Dr. Sharmila Bapat	DBT	2022-23	2026-27	24-01-2023	23-01-2027
14	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	2023-24	2026-27	01-09-2023	31-05-2026
15	Understanding the molecular mechanism of biogenesis of lysosome-related organelles using the Tetrahymena thermophila model system.	IA/I/22/2/506480	Dr. Santosh Kumar	DBT-Wellcome	2023-24	2028-29	01-09-2023	31-08-2028
16	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	2023-24	2026-27	11-09-2023	10-09-2026
17	Establishment of A Pune Biotech Cluster, "Model Organism to Human Disease."	BT/ Pune - Biocluster /01/2015	Director (Additional Charge), NCCS, Pune	DBT	2018-19	2025-26	29-06-2018	28-12-2025
18	"Department of Biotechnology" Consortium on Celiac Disease.	BT/PR45830/MED/12/963/2022	Dr. Dhiraj Dhotre	DBT	2023-24	2025-26	04-09-2023	03-03-2026
19	VAPB at membrane contact sites: ALS-FTD at the crossroads of ER stress, proteostasis, lipid homeostasis and inflammation.	EMSTAR/2023/SL03	Dr. Jomon Joseph Dr. Gaurav Das	Pratiksha Trust	2023-24	2028-29	01-03-2024	28-02-2029
20	Understanding the virus-nuclear pore complex crosstalk using computational and structural biological approaches.	HRD-16016/13/2023-AFS-DBT	Dr. Krishna Kant Gupta	DBT	2023-24	2026-27	03-04-2023	02-04-2026
21	Functional implications of evolutionarily conserved motifs in compliment factor H-an alternative complement pathway regulator linked to multiple human diseases.	HRD-16016/12/2023-AFS-DBT	Dr. Atala Bihari Jena	DBT	2023-24	2026-27	03-04-2023	02-04-2026
22	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	2024-25	2027-28	10-06-2024	09-06-2027
23	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	2024-25	2027-28	20-06-2024	19-06-2027
24	Investigating the role of Clathrin Light Chain in Neural Development and Function.	37WS(0032)/2023-24/EMR-II/ASPIRE	Dr. Deepa Subramanyam	CSIR	2024-25	2027-28	20-06-2024	19-06-2027

25	Exploring the Marine Ecosystems for Novel Bioresources with Human Health and Industrial Significance.	MoES/PAMC/DOM/181/2023 (E-14616)	Dr. Avinash Sharma	Ministry of Earth Sciences	2024-25	2025-26	01-04-2024	31-03-2026
26	JC Bose Fellowship	SB/S2/JCB-01/2023	Dr. Shekhar Mande	SERB	2023-24	2028-29	13-11-2023	24-09-2028
27	Identifying the neuro-immune pathways that modulate feeding behavior and metabolism in Drosophila.	BT/PR51490/MED/122/361/2024	Dr. Gaurav Das	DBT	2024-25	2027-28	27-09-2024	26-09-2027
28	Deciphering the molecular mechanism of fluidphase alternative pathway regulation by complement regulatory protein factor H.	CRG/2023/001054	Dr. Arvind Sahu	ANRF	2024-25	2027-28	11-10-2024	10-10-2027
29	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	2024-25	2027-28	03-12-2024	02-12-2027
30	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	2024-25	2025-26	01-04-2024	31-03-2026
31	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	2023-24	2026-27	22-03-2024	21-03-2027
32	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	2024-25	2027-28	01-10-2024	30-09-2027
33	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	2024-25	2027-28	01-10-2024	30-09-2027
34	Understanding and targeting phase-separated transcriptional biomolecular condensates as oncotherapy.	DST/INSPIRE/IFF/Batch20/2024-25/IFA23-LSBM276	Dr. Ambuja Navalkar	DST	2024-25	2029-30	11-09-2024	10-09-2029
35	Harnessing the inherent potential of soil microbiome in inducing disease suppressiveness in arable land.	BT/PR51280/BCE/8/1823/2023	Dr. Avinash Sharma	DBT	2024-25	2027-28	14-01-2025	13-01-2028
36	Bioengineering Research Centre at NCCS.	BT/TEMP24410/BMH-01/24	Dr. Sharmila Bapat	DBT	2025-26	2027-28	13-06-2025	12-06-2027
37	Elucidation of Interaction Mechanisms of TDP-43 and Annexin A11 proteins, and the Pathological Basis of Heteromeric Aggregation in Neurodegenerative diseases.	ANRF/ECRG/2024/003470/LS	Dr. Senthil Kumar Thangaraj	ANRF	2025-26	2028-29	09-07-2025	08-07-2028

38	Characterization of structural heterogeneity of human Tau condensates in functional and diseased states.	ANRF/ECRG/2024/003471/LS	Dr. Susmitha Ambadipudi	ANRF	2025-26	2028-29	09-07-2025	08-07-2028
39	Feathered bioreactors; Leveraging CIRSPR technology to produce human monoclonal antibodies in Chimeric chicken eggs.(SUPRA)	SPR/2023/000205	Dr. Akanksha Chaturvedi	ANRF	2025-26	2028-29	6-8-2025	05-08-2028
40	Meta analysis of cross study samples to identify niche specific skin and gut microbiome in healthy subjects.	CFP/BIOCARE/2024/003077	Dr. Madhumita Bhattacharyya	DBT-HRD-PMU-RCB	2025-26	2028-29	18-09-2025	17-09-2028
41	Exploring Protein Assembly Mechanisms and Relation to Lysosomal Dysfunction in Neurodegenerative Diseases : Towards Innovative Therapeutic Approaches	BT/RLF/Re-entry/11/2023	Dr. Senthil Kumar Thangaraj	DBT-HRD-PMU-RCB	2025-26	2028-29	01-07-2025	30-06-2028
42	Study of the unfolded protein response and ER stress pathway in HIV-1 infection and identification of potential host targets in the pathway for anti-HIV therapeutic strategy.	HRD/IES-2025/3	Dr. Debashis Mitra	ICMR	2025-26	2026-27	20-11-2025	19-11-2026
43	Effects of low and high dose oral methylcobalamin treatment on gut microbiome.	DDR/17/IIRP-SG2025/01605	Dr. Dhiraj Dhotre	ICMR	2025-26	2028-29	05-02-2026	04-02-2029
44	Reactivation of clathrin-mediated endocytosis as an effective strategy for Niemann Pick-disease enzyme replacement therapy.	EMDR/SG/11/2025-01-01447	Dr. Umasankar K Perunthottathu	ICMR	2025-26	2028-29	05-02-2026	04-02-2029
45	Repurposing cAMP-PKA pathway modifier drugs for the treatment of Alzheimer's disease.	EMDR/SG/11/2025-01-01172	Dr. Indrajit Sahu	ICMR	2025-26	2028-29	05-02-2026	04-02-2029
46	Understanding the role of protein homeostasis in the pathogenicity of Candida glabrata and developing molecules that target this pathway under PI of Prof. Krishnaveni Mishra.	DDR/IIRPIG-2024/02509	Dr. Radha Chauhan	ICMR	2024-25	2027-28	20-2-2025	19-02-2028
47	Preclinical development of neutralizing novel human monoclonal antibodies against Rabies for Post-exposure prophylaxis.	ICMR/DHR/NOHM/PRN 09-01/2026/04/06	Dr. Akanksha Chaturvedi	ICMR	2025-26	2028-29	23-03-2026	22-03-2029
48	Determining the role of clathrin light chains in regulating mitochondrial function and morphology.	ANRF/ARG/2025/001263/LS	Dr. Deepa Subramanyam	ANRF	2025-26	2028-29	19-03-2026	18-03-2029