

Completed Projects F.Y.2023-24

SR. NO	Project Name	Sanction Number	PI	Co-PI	Funding Agency	Start Date	Final End date
1	JC BOSE Fellowship	JCB/2018/000027	Dr. Bhaskar Saha	No	SERB	12-11-2018	11-11-2023
2	Structural perspective of molecular interactions in pathogenicity: Role of regulatory proteins of HIV-1 and heat shock proteins of M. Tuberculosis	BT/PR15450/COE/34/46/2016(R & D PROJECT 1)	Dr. Radha Chauhan	Dr. Debashis Mitra, Dr. Janesh Kumar, Dr. Sharmistha Banerjee	DBT	28-12-2016	27-12-2023
3	Characterization of acute necrotizing encephalopathy-1(AEN-1) associated mutations in Nup358.	BT/PR27451/BRB/10/1655/2018	Dr. Jomon Joseph	Dr. Vasudevan Seshadri	DBT	07-03-2019	06-11-2023
4	Proteogenomics based identification and Characterization of a novel ITGB8 isoform in ovarian cancer and elucidation of its functional relevance.	CRG/2019/001157	Dr. Sharmila Bapat	None	SERB	27-03-2020	26-09-2023
5	Centre of Excellence in Biomolecular -Structural & functional role of Nuclear Envelope in HIV infection.	BT/PR15450/COE/34/46/2016 (R & D PROJECT 3)	Dr. Radha Chauhan	Dr. Krishnaveni Mishra, Dr. Sharmistha Banerjee	DBT	28-12-2016	27-12-2023
6	Deciphering the role of long noncoding RNAs (lncRNAs) in mediating replication stress response during cell division	CRG/2019/004159	Dr. Vidisha Tripathi	Dr. Vasudevan Seshadri	SERB	21-02-2020	20-05-2023
7	Comprehensive characterization of novel lncRNA-protein network orchestrating the mammalian cell cycle program	BT/PR31772/BRB/10/1767/2019	Dr. Vidisha Tripathi	Dr. Jomon Joseph	DBT	03-12-2020	02-12-2023
8	Role of actin remodelling and membrane fluctuations in regulation of embryonic stem cell pluripotency	BT/PR30450/MED/31/399/2018	Dr. Deepa Subramanyam	Dr. Bidisha Sinha	DBT	05-07-2019	04-07-2023
9	Understanding the role of clathrin mediated endocytosis in neural development and function	2020-3076/SCR/ADHOC-BMS	Dr. Deepa Subramanyam	None	ICMR	15-02-2021	14-02-2024
10	Centre of Excellence in Biomolecular Structure and Function on Host-Pathogens Interactions.	BT/PR15450/COE/34/46/2016 (CORE GRANT)	Dr. Radha Chauhan	Dr. Debashis Mitra, Dr. Krishnaveni Mishra, Dr. Sharmistha Banerjee Dr. Janesh Kumar	DBT	28-12-2016	27-12-2023
11	Structural investigations of GluK2 and GluK3 kainate receptors in lipidic environment	CRG/2020/003971	Dr. Janesh Kumar	None	SERB	22-03-2021	21-03-2024
12	Regulation & differentiation of T helper 17 & T regulatory cells in collagen induced arthritis by modulating antigen presenting dendritic cells.	NAS/442/11/18-19	Dr. G.C. Mishra	None	NASI	16-11-2018	02-09-2023
13	Understanding the role of RNAi - mediated antiviral host defense against DNA Viruses.	IA/E/16/1/503020	Dr. Jyoti Singh	None	Wellcome	01-01-2018	31-12-2023

14	The neurophysiological pathways of emesis in <i>Drosophila melanogaster</i>	CRG/2019/005587	Dr. Gaurav Das	None	SERB	12-06-2020	30-11-2023
15	J C Bose Fellowship	JCB/2020/000020	Dr. Arvind Sahu	None	SERB	28-10-2020	30-06-2023
16	Centre of excellence in Biomolecular Cellular Stress Proteins in HIV Infection : Biochemical and functional characterization.(R&D -2)	BT/PR15450/COE/34/46/2016 (R & D PROJECT 2)	Dr. Debashis Mitra	Dr. Shekhar Mande	DBT	28-12-2016	27-12-2023
17	Host Cell Factors in HIV Pathogenesis (JC Bose Fellowship)	JCB/2017/000047	Dr. Debashis Mitra	None	JCB	18-05-2018	28-05-2023
18	Human Microbiome Initiative of select Endogamous Population of India	(BT/PR23968/BRB/10/1602/2017	Dr. Dhiraj Dhotre	Dr. Arvind Sahu, NCCS Dr. Vasudevan Seshadri, NCCS Dr. Vineet Ahuja, AIIMS Dr. Anand Krishnan, AIIMS Dr. Amit Rai IBSD Dr. John Mechenro SRMIMS	DBT	09-03-2020	08-06-2023
19	Genomic based approaches for characterization of the microbial antibiotic resistance and resistome in dairy production system	AMR/Adhoc/236/2020-ECD-II	Dr. Amit Yadav	Dr, Amit Yadav ; Dr. Dhiraj Dhotre; Dr. Rashmi	ICMR	25-03-2021	24-03-2024
20	Dissecting Formin-2 Function and Regulation: Insights into Novel Modalities of Cytoskeleton Remodeling	DST/INSPIRE/04/2017/001906	Dr. Priyanka Dutta	None	DST	01-05-2018	30-04-2023
21	Discovery of novel antimicrobials from uncultured micro-organisms against the multidrug resistance bacteria.	IA/E/17/1/503700	Dr. Avinash Sharma	None	DBT- WELLCO ME	01-09-2019	30-09-2023
22	To understand the role histone H2A post-translational modification in cell proliferation, survival and tumorigenesis	HRD-16016/28/2021-AFS-DBT(M K Bhan-YRFP-2021)	Dr. Nikhil Ghate	None	DBT	01-04-2022	05-01-2024

(List of Schemes/projects/program underway) Completed 2023-24

Sr. No.	Sanction Order No.	Title	Project Leader	sponsoring agency	Start Date	End Date
1	IA/E/16/1/503020	Understanding the role of RNAi - mediated antiviral host defense against DNA Viruses.	Dr. Jyoti Singh	Wellcome	01-01-2018	31-12-2023
2	NAS/442/11/18-19	Regulation & differentiation of T helper 17 & T regulatory cells in collagen induced arthritis by modulating antigen presenting dendritic cells.	Dr. G. C. Mishra	NASI	04.09.2018	03.09.2023
3	DST/INSPIRE/04/2017/001906-202	Dissecting Formin-2 Function and Regulation: Insights into Novel Modalities of Cytoskeleton Remodeling	Dr. Priyanka Dutta	DST	01.05.2018	31.12.2023
4	HRD-16016/28/2021-AFS-DBT	To understand the role of histone H2A post-translational modification in cell proliferation, survival and tumorigenesis	Dr. Nikhil Ghate	DBT/ M K Bhan Young Research Fellow	01.04.2022	05.01.2024
5	JCB/2018/000027	JC BOSE Fellowship	Dr. Bhaskar Saha	SERB	12.11.2018	11.11.2023
6	JCB/2017/000047	JC BOSE Fellowship	Dr. Debashis Mitra	SERB	28.05.2018	27.05.2023
7	Felloship/116/2022-ECD-II	TLR and CD40 mediated immune-metabolo-modulatory mechanism regulate host resistance in Leishmania infection	Dr. Neelam Bodhale	ICMR-RA	15.11.2022	03.05.2024
8	SB/SRS/2022-23/108/LS	Understanding the Structure-Function role of Kaptin (KPTN) involved in Neurodevelopmental Disorder	Dr. Priyanka Dutta	SERB	14.08.2023	19.02.2024