

## Ongoing Research Grants

S. No	Title	Agency	PI, Co-PI's	Duration
1	Identification of the mechanistic basis of early striatal damage in Glutaric Aciduria Type I	DBT	Aarti Sevilimedu, Pushkar, Radha Rama Devi	2018-2021
2	Use of DNazymes to improve CRISPR-mediated knock-in	DBT GET	Kiranam Chatti, Aarti Sevilimedu	2018-2021
3	Molecular analysis of the functional role of ser/thr phosphatase PHLPP in lipid induced formation of foam cells, a hallmark of atherosclerosis	DBT	Kishore Parsa, Kiranam Chatti	2019-2022
4	Identification of optimal therapeutic window for efficacious intervention in a Zebrafish model of Fragile X syndrome.	DBT	Aarti Sevilimedu, Kiranam Chatti, Pushkar Kulkarni	2019-2022
5	Developing a Wearable, Light-Concentrating, Photonic Micro-Sphere Patch for On-the-Go Outdoor/Indoor Photodynamic Therapy	HEFA	R. Chandrasekar (UoH), M. Rajadurai	2023-2025
6	Molecular characterization of the functional role of ser/thr phosphatase PHLPP in pancreatic beta cells to gain mechanistic insights into diabetes	SERB	Kishore Parsa Parimal Misra, Pushkar Kulkarni, Prakash Babu (UoH) Sasiskala M (AIG-AHF)	2020-2023
7	Understanding the functional role of co-activator binding protein PIMT in adipogenesis and obesity	DBT	Parimal Misra, Kishore Parsa, Satyamoorthy, Manjunath Joshi (MAHE)	2020-2023
8	Studies on the role of HDAC inhibitors in reprogramming cancer cell metabolism to reverse cisplatin resistance in patient derived xenograft model of ovarian cancer.	ICMR	Prasenjit Mitra, Manjunath Joshi, Naveena AN Kumar, Vasudha Devi (MAHE)	2021-2024
9	Understanding the regulatory role of co-activator binding protein PIMT in the pancreatic b-cells of diabetic animals and T3C diabetic (Chronic pancreatitis) humans	DST-SERB	Parimal Misra, Kishore Parsa, Partha Chakrabarti (IICB, Kolkata), Sasikala M (AIG)	2021-2024
10	Center for Rare Disease Diagnosis, Research and Training	IndiaAlliance/ Wellcome-DBT	Aarti Sevilimedu, Girisha KM (MAHE), Dr. Akhilesh Pandey (IOB )	2021-2026