



Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum

DEPARTMENT OF PATHOLOGY

INVITED TALK

Genomics and Genome Editing: From Bench to Bedside



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Dr. Binu received his Ph.D. degree in Molecular Neurobiology from Postgraduate Institute Of Medical Education & Research (PGIMER), Chandigarh, India. He completed his postdoctoral work with Dr. Kuo-Ping Huang, Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH), USA; 2011- 2012, and with Dr. Harish C. Pant, at The National Institute of Neurological Disorders and Stroke (NINDS), NIH, USA; 2012-2016. In December 2016, he joined as a Senior Scientist at the CSIR-Institute of Genomics and Integrative Biology (IGIB). Dr. Binu's lab mainly interested in elucidating the pathogenic mechanisms underlying neurological disorders that impact movement, learning and memory. His important research areas are Modeling neurological disorders using induced pluripotent stem cells (iPSCs) and organoid culture & Cross-talk between differentially regulated protein kinases in type 2 Diabetes Mellitus and Alzheimer's disease: Cognition and synaptic plasticity in diabetes mellitus.

24th March 2023, 10-11am

Auditorium I, Hospital Wing, SCTIMST

All are cordially invited