



9th HBNI Alumni Webinar



Dr. Kaushik Chanda
Postdoctoral Research Associate, Scripps
Research Institute, Florida, USA.

Friday, 22nd Nov, 2024 at 17.00 hrs

HBNI Council Hall, 2nd Floor, Training School Complex

"Understanding lncRNA Functions in Plasticity and Neurodegeneration"

Dr. Kaushik Chanda is a Postdoctoral Research Associate in the Neurosciences Department at the Scripps Research Institute - Florida, USA working under Dr. Sathya Puthanveetil. His research interests focus on Basic and Cognitive Neuroscience, Neurodegeneration, Molecular Biology, and Genomics, with an emphasis on non-coding RNAs. He had completed his Ph.D. from HBNI in RNA and receptor biology in neurodegenerative diseases at the Saha Institute of Nuclear Physics, Kolkata, under Dr. Debashis Mukhopadhyay in 2021. He did master's degree in Biophysics, Molecular Biology, and Genetics from Rajabazar Science College, Kolkata and a bachelor's in Microbiology from St. Xavier's College, Kolkata.

ABSTRACT

In this talk, I will sketch a coherent story about 5 lncRNAs (Malat1, Neat1, Meg3, Gas5 and SLAMR) and how their regulatory axes are implicated in both plasticity and degeneration. Additionally, I will also talk briefly about circular RNAs that I am working on in my current project and how they can affect mitochondrial biology.



<https://youtube.com/live/u0zxa1yaXBc?feature=share>



Webex

<https://hbni.webex.com/hbni/j.php?MID=m5bc1f698bf0ac4c83a60f6428f2091cd>

*All are cordially invited for
in-person participation*