Join ZGLab at the Bose Institute, Kolkata: Shape the Future of Disease Biology & Stem Cell Research through RNA & Data Science

Are you a highly motivated researcher eager to bridge the gap between computational data science and experimental biology?

ZGLab, led by Prof. Zhumur Ghosh at the Department of Biological Sciences, Bose Institute, invites applications from passionate PhD candidates (holding a valid CSIR-UGC/DBT/ICMR-JRF or equivalent fellowship) to work on cutting-edge, interdisciplinary projects. Our lab focuses on decoding the critical roles of regulatory noncoding RNAs (miRNAs, lncRNAs, circular RNAs and piRNAs) in stem cell biology, embryonic development, and complex disease mechanisms—particularly cancer and neurodegeneration.

Why Join ZGLab?

- True Interdisciplinary Environment: Experience a unique dual-training ecosystem combining high-throughput meta-analysis with experimental wet lab validation ensuring an exceptional career trajectory in modern biotechnology.

• Innovate with Data Science: Leverage machine learning and deep learning approaches to develop next-generation diagnostic tools.

• High-Impact Mentorship: Conduct research supported by major national funding agencies in state-of-the-art facilities.

We welcome candidates from diverse backgrounds, including Master's degrees in any stream of Biological Sciences, as well as M.Sc./M.Tech graduates in Computer Science or Bioinformatics who possess a sincere interest in computational biology.

How to Apply: Explore our research and publications at the ZGLab website and send your CV along with a brief statement of purpose directly to Prof. Zhumur Ghosh at ghosh.jhumur@gmail.com or zhumur@jcbose.ac.in.