<u>Looking for a PhD candidate with life science/ biotechnology background to work on bleeding edge cancer genomics projects</u>

The Sengupta laboratory (www.debarka.com) at the Departments of Computational Biology of Computer Science, IIIT-Delhi utilizes high-throughput *omics* technologies and data science to understand the molecular characteristics of cancer and the intertwined phenotype conglomerate of the tumor microenvironment. Our approach is generally multidisciplinary, combining computational biology, systems biology, biostatistics, cell, and molecular biology, imaging, biochemistry, and genomics. In a nutshell, we work at the interaction of basic and translational cancer biology with genomics, informatics, and machine learning as major work-horses. Some notable publications from our group are- Genome Research (2021), Nucleic Acids Research (2018, 2018b and 2020), Nature Communications (2018), and others. In the coming years, we want to interrogate cancer evolution using stochastic processes, with augmenting experiments in lower organisms. For this, we are looking for a Ph.D. candidate with a life science/ biotechnology background. **We seek a highly motivated Ph.D. candidate to join our enthusiastic, collaborative and diverse team in an outstanding scientific environment to participate in our exciting research.**

Qualifications

Master's (Post-Graduate) degree in Life Sciences or related field with NET qualification. Candidates possessing prior research experience in handly/processing cells or tissues will be given preference.

What we offer

You will get an opportunity to work with global leaders in genomics, cancer, and computational sciences. We have, to our disposal, state-of-the-art computational and wet lab facilities, a vibrant scientific atmosphere, and outstanding institutional facilities for a joyful life at the heart of the city of Delhi.

The position is funded for three years through iHub Anubhuti Technology Innovation Hub (https://ihub-anubhuti-iiitd.org/), with possible extension. The stipend will be as per standards.

If you are interested ...

Please fill the following form.

https://forms.gle/BKUFzXvf8pkSBGfx6

If shortlisted, you will be invited for an online interview.

P.S. Please carefully read the guidelines of PhD enrollment

https://www.iiitd.ac.in/academics/phd#