



**Vacancies under the Healthcare Programme,  
School of Natural Sciences  
National Institute of Advanced Studies, Bangalore**

The National Institute of Advanced Studies (NIAS), a visionary initiative of J R D Tata, has a mandate to create leaders of substance and credibility in a variety of domains in India, and to carry out in-depth, policy relevant research from a multi-disciplinary perspective, drawing on a wide spectrum of disciplines in the humanities, social sciences, and natural sciences. NIAS provides a congenial atmosphere and institutional support for faculty and scholars to pursue their research and career goals, and expects them to produce significant outcomes in line with the institution's mandate. Please visit our website ([www.nias.res.in](http://www.nias.res.in)) for a comprehensive perspective.

NIAS invites applications for the post of Post Doctoral Fellow/Project Associate. The successful candidate will be located at NIAS, Bangalore, and will be part of projects in the area of **Genomic and Structural Biology Research on Neglected Diseases like Chikungunya and Epilepsy.**

***Educational Qualification and Experience:***

For the post of Project Associate, the Candidate should hold a PG degree (with or without NET qualification) from a recognized university/institution in the disciplines of either: Biochemistry, Biotechnology or Biophysics, having passed the M.Sc/M.Tech. examination with a minimum of 60% marks.

For the post of Post Doctoral Fellowship, the candidate's Ph. D. degree from a recognized university/institution should be for work done in the discipline of structural biology. The successful candidate will be working on different aspects of molecular modeling of three dimensional structures of receptors and ligand-receptor complexes in the drug-discovery pipeline. The candidate should be knowledgeable about biological macromolecular structure, function and interactions. The candidate should be well versed with installation and use of majority of bioinformatics and molecular modeling and refinement software running on linux and windows platforms. It would be an advantage if the candidate is capable of programming using different languages (R, Python, etc.) It would be preferable if the candidate has some experience in bacterial cell culture, protein extraction and protein purification using different biochemical methods.

***Application:*** Applicants should submit, before 31<sup>st</sup> December 2018, their curriculum vitae electronically including the names and addresses of three referees and a brief statement of interest explaining why they are interested in joining this programme at NIAS in a single PDF document. All applicants should clearly state in the subject line of their email: **"Computational Structural Biology."**

Salary will be commensurate with qualifications and experience and comparable to other premier institutions in the country.

**The applications should be addressed to:**

Dr. M. V. Hosur,  
National Institute of Advanced Studies,  
Bangalore – 560 012  
E-mail: [hosurmv@gmail.com](mailto:hosurmv@gmail.com)