

Advertisement No: NIBMG/ADMIN/ESTB/2025-26/216

Date: 06-11-2025

Position available: Online Interview

Project Title: Expansion of INSACOG - Wastewater Surveillance of SARS-CoV-2, Emerging Pathogens and Antimicrobial Resistance through Genomics-Based Methods

The National Institute of Biomedical Genomics (NIBMG) is an Institute of Biotechnology Research and Innovation Council of Department of Biotechnology, Government of India. This is the first institution in India explicitly devoted to research, training, translation & service and capacity-building in Biomedical Genomics. It is located in Kalyani, West Bengal, India, near Kolkata.

BRIC-NIBMG was an important core laboratory and integral partner of Indian SARS-CoV-2 Genomic Consortium (INSACOG) from its establishment during the COVID-19 pandemic, December, 2020. It has established a nationwide network of sequencing laboratories for SARS-CoV-2 genomic surveillance in phase I and expanded to include Sewage Surveillance for setting an early alarm system for SARS-CoV-2 community infection and Hospital Network Study for understanding the the clinical course, severity, risk factors and outcomes of patients affected with various strains of SARS-CoV-2, in phase II. Now INSACOG is expanding beyond SARS-CoV-2 to set a pan-India surveillance system for all emerging, known and priority pathogens (both viral and bacterial) to establish nationwide baseline information for viral and bacterial pathogens along with their AMR capacity and setting an early warning system for any disease surge and aid in identifying variants of concern, facilitating timely updates for vaccines and therapeutics. This multi-institutional project has been funded through Biotechnology Industry Research Assistance Council (BIRAC), under Grand Challenges India program.

POSITIONS AVAILABLE

Name of the Position	No. of Position	Consolidated Remuneration [INR] per month	Essential Qualifications	Desirable Qualifications	Nature of Duty
Project Manager	1	1, 25,000 (consolidated)	PhD. in Life Science with experience in managing large multi centric projects	Experience (minimum 1 year) in managing large, multicenter projects.	Overall coordination of all aspects of this multi-institutional project and liaising with project teams at BRIC-NIBMG and other partner institutes. Maintaining strict adherence to timelines and punctuality are important. Must help expedite completion of projects to ensure that appropriate turn-around goals are met. Oversee project updates, prepare professional reports and presentations based on literature surveys and project updates, and oversee laboratory records

Project Scientist-I	2	56,000 + 27% HRA	PhD in Life Science with experience in genomics / bioinformatics Age limit:35 yrs	Experience in database handling and web-program development. Experience in Unix, R and biostatistics. Peer reviewed publications in the relevant field.	Analysis of genome sequence data – metagenome, viral genome bacterial genome, report preparation and data curation and modeling. Establishment of a centralized data analysis and reporting system.
Project Associate II	2 [Experimental (1) and Bioinformatics analysis (1)]	35,000 + 27% HRA with NET / GATE Or 28,000 + 27% HRA without NET / GATE	i) MSc in Life Science / Bioinformatics or related discipline ii) 2 years' experience in research and development in industrial and academic institutions or science and technology organizations and scientific activities and services iii) Age limit:35 yrs	Experimental: Experience (minimum 1 year) in molecular biology / bacteriology and hands on next generation sequencing Bioinformatics: Experience in database handling and web-program mining. Experience in Unix, R and biostatistics.	Experimental: Environmental sample collection, nucleic acid extraction, RT-PCR, DD-PCR, isolation of AMR pathogens, Antibiotic susceptibility testing, Antibiotic concentration measurement and genome sequencing. Bioinformatics: Analysis of genome sequence data – metagenome, viral genome bacterial genome, report preparation and data upload.
Lab Technician	2	20,000 + 27% HRA	BSc / 3 yr diploma in Engineering and Technology. Age limit:50 yrs	Experience in genomics / microbiology / molecular biology lab work (minimum 1 year)	For sample collection, sample processing in the laboratory and work with Project Associates in the laboratory. Travelling for sample collection and transportation.
Administrative assistant	1	18,000 + 27% HRA	Graduate degree in any discipline Age limit:35 yrs	Experience in administrative and financial works (minimum 1 year)	For assisting in administrative and financial management of the project, preparation of financial documents, assisting in purchasing process etc.

Online Interview:

This position is contractual, and appointments will be initially for one year, which is extendable depending upon performance and requirements of the project.

1. Interested candidates should submit their C.V. in prescribed format [Format is attached in the Page No. -3] to applsmlab@gmail.com with a subject line within **20-11-2025 before 5pm.**
2. Please remember application/CV will not be accepted if not sent by prescribed format.
3. Only the shortlisted candidates will be sent the Interview Link (**TEAMS**).
4. Please visit our website www.nibmg.ac.in for further information.
5. If selected, you will be asked to produce all documents in original. If the documents don't truly reflect what is mentioned in the advertisement, your candidature will be cancelled.
6. The decision of NIBMG in all matters relating to eligibility, acceptance or rejection of application, mode of selection, and conduct of interviews will be final and binding on the candidates.

Associate Director