

BRIC-NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
(An Autonomous Institution of the Government of India)



P.O.: N.S.S., Kalyani 741251, West Bengal, INDIA

www.nibmg.ac.in

Advertisement No. NIBMG/ADMIN/ESTB /Advertisement/2024-25 /420

Date:18-03-2025

Position available

BRIC-National Institute of Biomedical Genomics (NIBMG) Kalyani is an Institute of Government of India, Ministry of Science & Technology, Department of Biotechnology. The Institute has created the necessary physical infrastructure and critical platform technologies to support research, translation and training in biomedical genomics.

Applications are invited for the position of Project Linked Persons for extramural projects to be executed by the National institute of Biomedical Genomics, Kalyani. Selected applicants will be appointed up to **30th Sept 2025**. The tenure of appointment may be extended depending on the performance and availability of funds.

Project Name: Title: Diabetic Retinopathy Microbiome Study-India (DRMS-India)

Principal Investigator's name: Dr. Souvik Mukherjee

Research Description: Diabetes affects 10% of Indian adults, with diabetic retinopathy (DR) impacting up to 20%, causing irreversible vision loss in 4%. Current DR treatments often have low success rates and lengthy procedures. Recent research in Telangana and Andhra Pradesh highlighted links between gut bacteria and DR in those with diabetes. The DRMS aims to deepen this connection by analyzing stool samples from people with diabetes, diabetes-related retinopathy, and those without health issues. Participants will provide stool and blood samples at no cost. Stool DNA analysis will identify bacteria, while blood tests will assess diabetes levels and related conditions routinely checked in diabetics. This study seeks to shed more light on the role of gut bacteria in DR progression for better understanding and potential treatment advancements.

In this project the Project Associate applicant will be responsible for handling the biological sample like stool and blood, Microbiome DNA isolation, PCR and DNA sequencing.

Place of Work: National Institute of Biomedical Genomics, P.O.: N.S.S., Kalyani 741251, West Bengal.

Name of the Position	No. of position	Essential Education Qualification	Desirable Qualification	Nature of work & Responsibility	Consolidated and fixed monthly emolument (₹)
Project Associate 1	1	1. Post Graduate Degree in Natural Sciences or bachelor's degree in engineering or technology or medicine from a recognized University or equivalent 2. Age limit 35 years as on last date of application	1. Hands biospecimens like stools and blood 2. Experience in Host and Microbial DNA/RNA Isolation 3. Experience in PCR and Sequencing 4. Prior Research Experience	1. Coordinate specimen transport to NIBMG from the LVPEI in consultation with the technical leads/team 2. Management of the documents and procurement of the items pertaining to the project 3. Carry out the daily lab activities and maintain the documentation	I. 31,000 + 27% HRA = 39,370 To scholars who are selected through (a) National Eligible Tests- CSIR-UGC NET includes lectureship (Assistant Professorship) or GATE or b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. II. 25,000/- +HRA for others who do not fall under(i) above.

This position is contractual. The appointment will be initially given up to **30th Sept 2025**, which is extendable depending upon performance, requirements of the project and availability of funds.

Interested candidates need to apply in proper format (in Annexure-I) and send to **applsmlab@gmail.com** . The last date of application is **31-03-2025. (up to 12 midnight)**. Please visit **www.nibmg.ac.in** for further information.

Only the shortlisted candidates will be called for an interview. The interview will be held only in ON-LINE mode.

All Educational, Professional and Technical qualifications should be from a recognized Board/University. Fulfillment of essential qualifications and experience does not automatically entitle a candidate to be shortlisted or called for Interview.

Canvassing in any form or bringing influence will lead to disqualification of the candidate. 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. In exceptionally meritorious cases, the eligibility requirements may be relaxed by Competent Authority.

Associate Director

Annexure-I

Application Form

Advt. No.: _____

Post Applied for: _____

Project Name.: _____

*Affix a Recent
Passport Size
Photograph*

1. Name in full (in block letters)

2. Address (in block letters)
(i) For Communication

(ii) Present

(iii) Permanent

(iv) Email: _____

(v) Phone (Mobile): _____

3. Particulars of age and birth (as per Matriculation or equivalent Certificate)

(i) Date of Birth (DD-MM-YYYY) _____ (ii) Age: _____

(iii) Place of Birth _____ (iv) Nationality: _____

4. Other Particulars:

Gender:

Marital Status:

5. Father's Name _____ Mother's Name _____

Spouse Name _____

6. Category (SC/ST/OBC):

(Please attach a photocopy of the relevant certificate)

7. Particulars of Qualification and Experience:

(Please feel free to attach a separate sheet in case of insufficient space. Original Certificate/testimonials in support of qualification & experience would be required to be shown at the time of interview & joining (if selected))

All the relevant attachments should be merged in a single PDF format.

(i) Qualifications (in reverse chronological order): -

Educational/Technical/ Professional Exam Pursuing/Passed (Full Time/ Part Time)	Main Subject	Grades/ Division	% of marks obtaine d	Year of passing	Name of the University/ Board

(ii) Whether NET/GATE Qualified: Yes/No

If yes, please give details. _____

(iii) Total Experience (in reverse chronological order):

Employer	Designation	Period From To	Length of Yrs Months	Nature of duties/ area of specialization etc.	Remuneration (Rs.)

(iv) Any Other relevant Information (Details of Special achievements, Awards, Trainings, etc., if any)

(v) Relevant Experience:

a) Hands on experience in handling different types of biospecimens

☐ Blood ☐ Swab ☐ Biopsy ☐ Stool ☐ None

Details of experience (e.g., duration, techniques used) (Maximum 50 words):

b) Experience in Host and Microbial DNA/RNA Isolation

☐ Yes ☐ No

Details of experience (e.g., techniques used for DNA/RNA extraction) (Maximum 50 words):

c) Experience in PCR and DNA Sequencing

☐ Yes, for both ☐ PCR ☐ Sequencing ☐ None

Details of experience (e.g., types of PCR used, sequencing platforms, analysis techniques) (Maximum 50 words):

d) Prior Research Experience on working in research setting

☐ Yes ☐ No

Details of research projects (e.g., project title, duration, role) (Maximum 100 words):

I hereby declare that all particulars in this form are correct and true to the best of my knowledge & belief, and nothing has been concealed therein. I shall bring the original degrees, certificates, and other documents in support of the above information for verification at the time of test/interview.

PLACE: _____

SIGNATURE OF THE APPLICANT

DATE: