
Position available

Project name: Uncovering the functional significance of novel genetic variations in multi-ancestry Indian populations through integrative genomics and proteomics analysis

Funding Agency: Department of Biotechnology, Govt of India

Principal Investigator's name: Prof Analabha Basu

Project Description: How genomic variation impacts phenotype is a fundamental problem of disease genetics. Disease phenotype is population specific. Efforts to understand genomic variants to gene expression have been Eurocentric and hence its transability in understanding disease phenotype in other populations, like India has been limited. Genome diversity projects will identify population specific variant distributions, a large proportion of which is novel. Leveraging on the genotype discovery, both protein altering and regulatory, and by associating them with mRNA and protein expressions in blood of individuals, we will identify the expression regulation landscapes. Our goal is to identify functional underpinnings of these novel genetic alterations through an integrated multi-omics approach.

Positions available

Name of the position	No. of position vacant	Consolidated Remuneration [INR] Per Month	Essential Qualifications	Desirable Qualifications	Nature of Duty
RA-III	1	INR 67,000 + 27% HRA P.M.	<ol style="list-style-type: none"> 1. PhD/MD/MS/MDS or equivalent degree. 2. Overall 7 years of research experience. 3. Prior publications in peer-reviewed journals in the area of genomics and transcriptomics. 	<ol style="list-style-type: none"> 1. Experience in multi-omics data analysis pipeline development. 2. Experience in analyzing and interpreting multi-omics data (genomic, transcriptomic, proteomic). 3. Documented experience in cell culture, multi-omics data generation (library preparation, sequencing), cell culture and functional/molecular biology assays. 	<ol style="list-style-type: none"> 1. Development of NGS data analysis pipelines. 2. Multi-omics data analyses and interpretation. 3. Performing wet lab-based molecular biology assays. 4. Report writing.
Project Associate-I	2	INR 31000+27% HRA P.M. **	<ol style="list-style-type: none"> 1. Master's Degree in Natural Sciences / or Bachelor degree in Engineering or Technology or Medicine from a recognized University or equivalent. 2. CSIR-UGC (NET) /LS or GATE or equivalent National level examinations conducted by central govt agencies. 	<ol style="list-style-type: none"> 1. Candidates with hands-on experience in mammalian cell culture and molecular biology assays will be preferred. 2. Candidates with previous experience in omics data analysis will be preferred. 	<ol style="list-style-type: none"> 1. Performing <i>in vitro</i> functional experiments. 2. Performing multi-omics data quality control and analyses (genomic, transcriptomic). 3. Report writing.
Field Assistant	1	INR 20000+27% HRA P.M.	<ol style="list-style-type: none"> 1. Bachelor's degree in science / 3 years Diploma in Engineering and Technology 	<ol style="list-style-type: none"> 1. Candidates with previous record of working in clinical/hospital setting will be preferred. 	<ol style="list-style-type: none"> 1. Collection of biosamples. 2. Maintenance of biosamples in biorepository, record keeping. 3. Report writing.

****For Project Associate-I, If no suitable candidate is found (point no 2) for then candidate may be given Rs. 25,000/- + 27% HRA for others who do not fall under 2 above [Essential Education Qualification].**

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

1. Interested candidates should submit their C.V. in prescribed format [Format is attached below] to **applyab1lab@gmail.com** within 15-07-2026.
2. Please remember application/CV will not be accepted if not sent by prescribed format.
3. Interview Link (TEAMS) will only be sent to the shortlisted candidates.
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

Application Form for Selection under Research Projects/Studies

Advt. No.: _____

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 attachment 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 obtained	Year of passing	Name of the University/ Board

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

If yes, please submit 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, mentorship, Publications, etc., if any)

(v) Relevant Experience:

a) Hands on experience in multi-omic next-generation sequencing data generation and analysis :

Yes No

Details of experience (Maximum 50 words):

b) Hands on experience in cell culture/functional assays :

- Yes No

Details of expertise (Maximum 50 words):

c) Hands on experience with programming languages:

- Yes No

Details of experience (Maximum 50 words):

d) Proficiency in English communication and writing skills

- Yes No

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: