

संदर्भ सं./Ref. No **NIBMG/ADMIN/ESTB/PHD PROG/ADVT/2025-26/198** दिनांक/Date **15-10-2025**

**INFORMATION FOR STUDENTS INTERESTED TO PURSUE DOCTORAL RESEARCH AT THE
BRIC-NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS (NIBMG), KALYANI**

Applications are invited from suitable candidates to pursue doctoral research at NIBMG. The selected students are expected to work on human diseases with emphasis on gaining genomics and biological insights into disease mechanisms using clinical samples and appropriate models, both in silico, in-vitro and in vivo. NIBMG is equipped with state-of-the-art technologies which include single-cell sequencing, spatial omics and next generation sequencing platforms, robotics platforms, high-end computational and bioinformatics facility, cell and molecular biology facilities, genetic engineering including cutting-edge CRISPR-Cas genome editing laboratories. All high-end equipment for FACS (cell sorter), confocal high- resolution imaging facility, BSL3 facility, bacteriology and radioactivity labs, state-of-the-art zebrafish facility, proteomics, metabolomics, experimental animal facility and microbiome facilities. We are seeking bright young researchers interested in pursuing PhD projects in the following broad areas:

Chronic and Metabolic Diseases: Diabetes, NAFLD, insulin resistance, lipid metabolism, pulmonary, cardiovascular & congenital heart diseases and integrative host-microbiome analysis across diseases.

Infectious and Immune Disorders: Tuberculosis, host genetics and microbiome, inflammasome activation, ER stress, sepsis, autoimmune diseases (e.g., SLE) and novel immunotherapeutic approaches.

Cancer Biology: Tumor microenvironment, chemoresistance, stemness, coagulation & liquid cancers, pancreatic cancer and CAR-macrophage-based therapies.

Cell and Molecular Mechanisms: Replication stress, DNA damage response, genome integrity, nuclear envelope proteins (lamin/emerin), placenta biology.

Computational and Systems Biology: Computational genomics, gene-gene interactions, single-cell transcriptomics and alternate splicing.

Experimental Platforms: In vitro, in vivo, and in silico models; translational studies with mechanistic and therapeutic relevance.

Fellowship: Admissible as per Govt. of India rules as provided by respective funding agency.

THE ON-LINE FIRST ROUND INTERVIEW WILL BE HELD on 18-12-2025 and 19-12-2025 from 10-00 AM. Candidates must report at 9-00 AM. THE ON-LINE SECOND ROUND INTERVIEW WILL BE HELD ON 23-12-2025 from 10-00 AM for those candidates who will qualify for the first round.

Eligibility for PhD Interview:

- (1) Candidates should have a valid award of JRF (CSIR-UGC JRF/ DBT-JRF/ ICMR-JRF/ DBT-BINC, NBHM, or equivalent except DST-Inspire). **The last date of validity of fellowship should be at least 6 months from the date of admission or the date of award of qualifying degree, whichever comes**

later. If candidates, who are in the final year of their master's degree programme and are in possession of an award of a JRF are selected, they will have to submit their final degree certificate by **31st MAY 2026** at the latest.

- (2) Candidates should have Masters (postgraduate) degree or 4 years B. Tech. in any branch of sciences with interest in pursuing research, having at least 55% or equivalent Grade Point Average (GPA) (A relaxation of 5% of marks, shall be allowed for SC/ST/OBC and Persons with Disabilities).
- (3) Candidates who have qualified in GATE/ JEST/ JGEEBILS/ NET (LS) etc., but who do not have a valid award of JRF mentioned in (1) above, or equivalent, are **ineligible to apply**.
- (4) No student awarded the ICAR Fellowship will be eligible to participate in the Ph.D. Programme in NIBMG

APPLICATION PROCEDURE

Candidates should apply via web link <https://apply.nibmg.ac.in/> (no other form of application will be accepted). Please indicate online whether you belong to a reserved category or the general category. Online application will be accepted until **5 PM on 30th November 2025**.

Short-listed candidates will be called for First round interview.

APPLICATION FEES

Candidates should send **Rs. 500/-** (**Rs. 250/-** for SC/ST/EWS/PWD candidates) as application fees through the below mentioned payment link and keep the proof of transaction details with them.



NIBMG Payment Link & QR

[<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=5998430>]

INFORMATION:

- I. NIBMG Ph.D. program is a residential full-time program. The selected candidates must stay on campus. No relaxation will be provided under any circumstances.
- II. Other terms and conditions of the fellowship will be directed by the funding agency awarding the fellowship. NIBMG will not be responsible for providing fellowships.
- III. The upper age limit for JRF shall be 28 years which is relaxed up to 5 years in the case of candidates belonging to SC/ST/Women/PWD and 3 years in case of OBC candidates, or as applicable.
- IV. Reservation will be as per Government of India guidelines.
- V. In case of any queries, candidates should e-mail at (academic.office@nibmg.ac.in) Phone enquiries will not be entertained.
- VI. If selected, Candidates shall have to produce all the original documents/certificates in support of at their age, reservation category, educational qualifications, Valid Fellowship, Aadhar Card and the proof of depositing of fees along with one set of a self-attested copies of the same, at the time joining for verification.

- VII. The name of the successful candidates will be displayed on the Institute website.
- VIII. Eligibility criteria including an upper age limit will be reckoned on the last date of submission of application.
- IX. Before appearing interview, the applicants should ensure that they possess at least the essential qualifications and other conditions specified in the advertisement. If a candidate is found ineligible, his/her candidature will be cancelled at any stage of the interview process. It may be noted that even if a candidate qualifies in the interview and subsequently it is found that he/she does not fulfill the eligibility criteria, his/her candidature will be cancelled.
- X. No TA/DA is admissible for appearing for the interview.
- XI. Any further change will be intimated on the website.

SCHEDULE FOR Ph.D. PROGRAMME ADMISSIONS DECEMBER - 2025

1. Advertisement uploaded on the website	17-10-2025 (12PM)
2. Last date of receipt of application at NIBMG	30-11-2025 (5PM)
3. Publication of list of shortlisted candidates called for Interview at NIBMG.	08-12-2025 (5PM)
4. Date(s) & Time of online First Round interview. (PhD Program)	18-12-2025(10AM) 19-12-2025 (10AM)
5. Declaration of Result of the First-Round interview (PhD Program)	22-12-2025 (5PM)
6. Date(s) & Time of online Second Round interview. (PhD Program)	23-12-2025(10AM)
7. Declaration of Result of the interview (PhD Program)	26-12-2025 (5PM)
8. Joining selected candidate (First List) (PhD Program)	30-12-2025 (11AM)

(DIRECTOR)