



राष्ट्रीय जैवचिकित्सा जीनोमिक्स संस्थान
NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS

Advertisement No. : NIBMG/ ACAD/PROJECT RECT./2026-27/ 058

Date: 25-05-2026

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 Person for extramural project to be executed by the BRIC-National Institute of Biomedical Genomics, Kalyani. Selected applicants will be appointed initially for one year. The tenure of appointment may be extended depending on performance and availability of funds.

Project Name: Development of a chip to predict steroid responsiveness in children with idiopathic nephrotic syndrome: A global whole transcriptomics (lncRNA-miRNA-mRNA network) based approach.

Principal Investigator's name: Dr. Kaushik Das

Research Description:

Nephrotic syndrome (NS) is a prevalent kidney disease in children, with an incidence of 2-7 per 100,000 in a year. Most children respond well to steroid treatments, however there are frequent relapses, making it essential to predict responses to corticosteroids for better prognoses. At present, analysis of common diagnostic markers such as serum albumin and proteinuria is insufficient due to the disease's complexity and varying patient responses. While past studies primarily focus on miRNAs in Chinese populations, this project aims to develop a chip that utilizes transcriptomic signatures to predict steroid responsiveness in children with NS. The plan is to conduct a global RNA sequencing to identify key lncRNA-miRNA-mRNA expression signatures linked to disease progression and treatment response, ultimately fostering personalized therapy and improving disease management.

Place of Work: BRIC-NIBMG, Kalyani

Name of the Position	No. of position	Essential Education Qualification	Desirable Qualification	Nature of work & Responsibilities	Consolidated and fixed monthly emolument (₹)
JRF	1	Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following: a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE. b. National level examinations conducted by Govt. of India Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, ISER, NISER etc.	Experience in DNA/RNA, genomics, next generation sequencing, analysis of sequence data, knowledge of R and Linux scripting, next generation sequencing data analysis, knowledge in functional enrichment analysis- GO, KEGG pathway etc., and basic wet lab techniques such as cell culture, qPCR, western blot analysis, etc.	DNA/RNA extraction, next generation sequencing and data analysis, lab and project documentation, and any other work as required by PI	37,000+24% HRA

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

Interested candidates should submit their C.V. in prescribed format [Format is attached in the Page No. -3] to **kd3@nibmg.ac.in** with a subject line “Application for the post of JRF in Project “Development of a chip to predict steroid responsiveness in children with idiopathic nephrotic syndrome: A global whole transcriptomics (lncRNA-miRNA-mRNA network) based approach”. within **08-06-2026** midnight.

1. Interview Link (**TEAMS**) will be sent only to the shortlisted candidates.
2. Please visit our website www.nibmg.ac.in for further information.
3. 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 application will be cancelled.
4. 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



बीआरआईसी
बायोटेक्नोलॉजी विभाग का संगठन
BRIC
a DBT Organization



राष्ट्रीय जैवचिकित्सा जीनोमिक्स संस्थान
NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS

Application Form for Selection under Research Projects/Studies

Advt. No.: _____

Project Name.: Development of a chip to predict steroid responsiveness in children with idiopathic nephrotic syndrome: A global whole transcriptomics (lncRNA-miRNA-mRNA network) based approach

*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. 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) Total Experience (in reverse chronological order):

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

(iii) Any Other relevant Information (Experience in interacting with PI/Coordination of sample collection/laboratory work/ analysis and preparation of reports.)

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: