

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



P.O.: N.S.S, Kalyani 741251, Nadia, West Bengal, INDIA
www.nibmg.ac.in

Advertisement No. NIBMG/ADMIN/ESTB/2022-23/277

Date: 07-02-2023

Position available

Project name: **Antiviral Drug designing.**

Brief Description:

Within the scope of this project, the carboline based viral RdRp (RNA dependent RNA polymerase) inhibitors will be synthesized at NIPER-Kolkata. The inhibitors will be developed against RdRp of SARS-CoV-2 virus as well as Dengue virus. The different inhibitor molecules will then be tested by high through-put cell-based luciferase assay system for checking efficacy. Inhibitory effect of the selected inhibitors will then be tested against live SARS-CoV-2 or Dengue virus replication. The selected inhibitors will further be validated by using suitable animal model to check *in vivo* anti-viral activity.

Remuneration as per DST OM no. SR/S9/Z-08/2018 dt. 10.07.2020

Name of the position	No. of position vacant	Consolidated Remuneration [INR] Per Month	Essential Qualifications	Desirable Qualifications	Nature of Duty
Project JRF	01	31,000/- + HRA (as admissible)	<p>1. Master's degree in Natural or Agricultural Sciences/MVSc or bachelor's degree in Engineering or Technology or Medicine from a recognized university or equivalent.</p> <p>2. (a) National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) or (b) GATE qualified or (c) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions.</p> <p>3. Age limit 35 years as on last date of application.</p>	<p>1. Hands-on working experience in molecular biology techniques (e.g., PCR, cloning, WB, RT-PCR, Luciferase assay etc.).</p> <p>2. Experience of bioinformatic data analysis.</p>	<p>1. Basic molecular biology work.</p> <p>2. High-throughput Drug screening with viral infection in cell culture model.</p> <p>3. Animal handling.</p>

This position is contractual. The appointment will be initially given for one (01) year, which is extendable depending upon performance, requirement of the project and availability of funds. Interested candidates are requested to apply online at <https://apply.nibmg.ac.in> (no other form of application will be accepted). The last date of application is **27th February 2023 (till 5PM)**. Please visit www.nibmg.ac.in for further information. **Only the shortlisted candidates will be called for interview.** The interview will be held on **6th March 2023 (Monday) from 11.00 am** at NIBMG.

No TA/DA will be paid for attending the interview.

Following documents are required at the time of interview:

1. Curriculum Vitae along with reprints of publications if any
2. One Passport- size coloured Photograph
3. Original along with one set of Self-Attested Copies of Certificates of Educational Qualifications
4. Original along with Self-Attested Copies of Experience Certificates (if any)
5. Original and Self-Attested Copies of Govt. issued Photo ID proof.

NIBMG reserves the right to raise the minimum eligibility standards/criteria and/or to conduct a screening test, to restrict the number of candidates to be called for Personal Interviews, if so required. 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 applicants. In exceptionally meritorious cases, the eligibility requirements may be relaxed by the competent authority.

Manager-Administration