

Vacancy of Senior Research Fellows in the ICMR Funded Research Project

Post: Senior Research Fellowship

No. of Vacancy: One

Duration: 3 years

Funding Agency: Indian Council of Medical Research (ICMR)

Project Title: Elucidation of neurodegenerative tauopathies through MARK4 inhibitors: Design and evaluation of MARK4 inhibitors using insilico and invitro approaches and investigation of their role to cure hyper phosphorylation of tau proteins

Project Description: Interested candidates are welcome to apply for SRF for a comprehensive drug discovery project aimed to discover potential kinase inhibitors. A strong connection exists between phosphorylation and tau pathology has laid the foundation to hunt for tau kinase inhibitors as potential therapeutics. We believe that the MARK4 is one of the most promising kinases that should be targeted as it initiate tau phosphorylation cascade. In this project we aimed to identify potent kinase inhibitors. The selected mixture of the extract will be further tested that how efficiently it could attenuate hyper-phosphorylation of tau, and thus clears the tau mediated aggregates indifferent neuronal human cell lines. Our integrated approach will be key in identifying novel kinase inhibitors for therapeutic management of MARK4-related tauopathies, Alzheimer disease, and neuro-inflammation.

Essential Qualification for SRF 1 (Biological Science): Applicant with expertise in Molecular Biology/Cell Biology/Structural Biology/Bioinformatics (especially MD simulation) and good command in oral and written communication skills in English will be given preference.

Essential Qualification: M. Sc. in any stream of Biological Science with at least 55% marks and Two Years of research experience. Preference will be given to NET/GATE qualifiers.

How to apply: Please submit a cover letter, attached application form, CV, and supporting documents combined into a single PDF file and also fill the attached form and send by e-mail to aislam@jmi.ac.in on or before May 20, 2022.

Principal Investigator

Dr. Asimul Islam
(Associate Professor)
Centre for Interdisciplinary Research in Basic Sciences
Jamia Millia Islamia, Jamia Nagar
New Delhi 110025, INDIA
E-mail: aislam@jmi.ac.in

General Instructions:

- Incomplete forms will not be accepted.
- Guidelines of funding agency to recruit manpower will be applicable.
- Only shortlisted candidates will be communicated to appear for the interview.
- Original certificates need to be presented before the interview for verification.
- Interviews may be conducted through online mode.

Application for Senior Research Fellowship

Name:

Sex:

Father's Name:

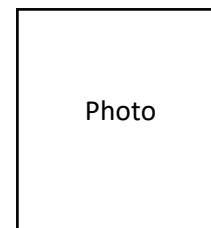
Date of Birth:

Address:

Mobile No.

E-mail:

Education:



Course	Major subject	Year	University	Grade/ Percentage
B.Sc.				
M.Sc.				
Others				

NET/GATE Score:

Title of M.Sc. Dissertation:

Experience:

Name of Organization	Designation	From	To	Role

Description of Research Project(s) Handled:

Technical Expertise:

Date

Place

Signature