



**NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES
(INSTITUTE OF NATIONAL IMPORTANCE) BENGALURU – 560 029**

NIMH/PROJ/NOTIF/JRF/01968/2025-26

Date: 20-09-2025

NOTIFICATION

Applications are invited from eligible candidates, for the post of “**Junior Research Fellow**” (JRF) on contract basis for the **CCRH funded project** entitled “Developing 2D and 3D in-vitro Parkinson's disease models using hiPSC from Indian ethnicity patients assessing safety and efficacy of Homoeopathy drugs” – under the guidance of **Dr. Indrani Datta**, Additional Professor, Department of Biophysics & Principal Investigator, NIMHANS.

Name of the post	Junior Research Fellow (JRF)
No. of posts	02 (Two)
Essential Qualification	M.Sc OR M.Tech OR in any field of science/Life science/ Biotechnology/ Physiology / Biophysics/ Biochemistry with a good academic record, and CSIR-NET/UGC/ICMR/INSPIRE qualification
Additional Experience	Candidates with basic knowledge of biochemistry and molecular biology techniques.
Nature of Work	During the course of the project, candidate will learn to isolate & characterize exosomes, culture induced pluripotent stem cells (iPSCs), differentiation of iPSCs to dopaminergic neurons, Confocal imaging, Flow cytometry (immunophenotyping, apoptosis, mitochondrial membrane potential), Multi-Electrode array (MEA) for electrophysiology from iPSC derived dopaminergic neurons and in rodent midbrain slices. He/She will gain expertise in biochemical (WB and qRT-PCR) and other biophysical techniques (Ultracentrifugation, Spectrophotometry, Dynamic Light Scattering) too. Candidates will be encouraged to apply for PhD (depending upon their performance, enthusiasm and research aptitude).
Maximum Age Limit	28 Years
Emoluments per month	Rs. 37,000/- + 30% HRA per month
Duration of the project	3 years (Initial appointment will be made for a period of six months and will be extended further depending upon the performance of the candidate).

Eligible candidates fulfilling the criteria may apply on a plain paper with the resume, age proof and copy of the testimonials through e-mail to **biophysicsnimhans@gmail.com**. The candidates who apply should invariably mention the Notification no, Date, Email ID, Contact no and Postal address without fail, otherwise the applications will not be considered.

The last date for receipt of filled in application together with the relevant documents is **14 days** from the date of notification. Applications received later will not be entertained. No TA/DA will be paid for attending the interview.

NOC from the Principal Investigator if working in project Extramural/Intramural in NIMHANS

Sd/-
DEAN/ASSOCIATE DEAN, RESEARCH

