

जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केंद्र
(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार की स्वायत्त संस्थान - मान्यताप्राप्त विश्वविद्यालय)
Jawaharlal Nehru Centre for Advanced Scientific Research
(An Autonomous Institute under Dept. of Science & Technology,
Govt. of India – A Deemed University) जक्कूर परिसर, बेंगलुरु - 560 064, भारत/
Jakkur Post, Bengaluru - 560 064, INDIA



Advt. No. JNCASR/MBGU/AL/2025/AD-06

Date: 15.09.2025

Applications are invited for the position of **Senior Research Fellows** to work on “**Understanding the Molecular Basis of Presynaptic Autophagy Dysregulation in the Context of Synaptopathies**” under the guidance of Principal Investigator Prof. Ravi Manjithaya, Molecular Biology and Genetics Unit (MBGU) and Co-Principal Investigator Prof. Sheeba Vasu, Neuroscience Unit (NSU) JNCASR, Bangalore 560 064.

Sr. No.	Position & Eligibility	Max. Age Limit	No. of Positions
01	Senior Research Fellowship [SRF] (Remuneration Rs. 42,000 plus 24% HRA) Essential Qualification: Post Graduate Degree in Life Sciences/ Post Graduate degree in the professional course selected through a process described through any one of the following a.) Scholars who are selected through National Eligibility Test- CSIR-UGC NET including lectureship and GATE b.) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc. Two years of research experience Experience with <i>Drosophila</i> handling, <i>Drosophila</i> dissection, molecular biology techniques like PCR, plasmid isolation, immunofluorescence assays, biochemical techniques such as Western blotting. Cell culture experience. Experience in recording videos of <i>Drosophila</i> , along with video analysis. Knowledge of MATLAB/ Python is preferred. Desirable Qualification: Interest and knowledge in <i>Drosophila</i> and Neurobiology and Biochemistry. Preference will be given to candidates with prior research experience.	32 years	TWO

Interested candidates are required to send a scanned copy of the duly filled-in template/application form (available on the website) along with scanned copies of original testimonials in support of educational qualifications, age, preference, experience, etc. with brief resume and cover letter to Prof. Ravi Manjithaya, autophagy lab, MBGU through email (joinautophagylab@gmail.com) latest by 28th of September, 2025.

Date: 15th September 2025

Note:

- Candidates are required to provide their email address and mobile number.
- Shortlisted candidates may be invited for an online interview.