



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-01

Date: 07th March 2025

Applications are invited for the position of **Project Research Scientist - II (Non-Medical)** to work on “A novel host-directed therapy for the prevention of bacterial meningitis and meningoencephalitis by enhancing the xenophagy mediated clearance of pathogenic bacteria.” under the guidance of Principal Investigator Prof. Ravi Manjithaya, Molecular Biology and Genetics Unit (MBGU), JNCASR, Bengaluru 560 064.

Sl No.	Position & Eligibility	Max. Age Limit	No. of Positions
01	Project Research Scientist-II (Non-Medical) (Remuneration Rs. 67,000 plus 30% HRA)		
	Essential Qualification: First Class Post Graduate Degree, including the integrated PG degrees with three years of relevant Experience or Ph.D. Desirable Qualification: A dedicated researcher with a Ph.D. awarded in the last 1–2 years, possessing expertise in microbiological techniques and handling neuroinvasive pathogenic cultures, proficiency in molecular techniques such as western blot, immunofluorescence, and immunohistochemistry, experience with advanced imaging methods, including confocal and electron microscopy, skilled in cell culture, primary neuronal culture, and animal breeding and maintenance. Candidates should also have a strong background in brain-targeted drug delivery in mice (including various intracranial and systemic injection techniques), analyzing brain sections to assess infection progression and the therapeutic effects of experimental molecules, and the generation and maintenance of transgenic mouse models using Cre-lox recombination technology. Prior experience in preclinical studies is mandatory. Preference will be given to candidates with extensive research experience in the relevant fields. Candidate should be a team player and demonstrate working with collaborations. This position requires a commitment of three years.	40 years	ONE

Interested candidates are required to send a scanned copy of the duly filled-in Template/Application form (available on the website) along with scan 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 **Mar 20th, 2025**.

Date: 7th March 2025

Prof. Ravi Manjithaya

Note:

1. Candidates are required to provide their email address and mobile number.
2. Shortlisted candidates may be invited for an online interview.
3. No TA/DA will be paid for attending the interview in person.