



CENTRE FOR BIOTECHNOLOGY
ANNA UNIVERSITY, CHENNAI - 600025



Applications are invited for a Senior Research Fellow (SRF) position on SERB, Govt. of India funded project (CRG/2020/003399) '**Astroglial specific biotin deprivation in aging brain influences mitophagy and mitochondrial biogenesis**' at the Centre for Biotechnology, Anna University, Chennai – 600025.

Name and number of positions	SRF, One position
Minimum Eligibility	First class in Masters (M.Sc. or M. Tech.) in any branch of life sciences / biological sciences. However, the applicants with M. Sc., as qualifying degree must have two years of research experience.
Project/work tasks	<ul style="list-style-type: none">• Major aim of this project is to elucidate the significance glial-neuron metabolic relationship during aging with special reference to BCAA, lipid and mitochondrial oxidative metabolism. Furthermore, the status and mechanism of mitochondrial turnover pathways such as mitophagy as well as the association between organelles will be deciphered.• Our relevant publications: https://doi.org/10.1111/jnc.14979, 10.1007/s12192-020-01129-6, 10.1016/j.nutres.2020.06.004, https://doi.org/10.1002/bies.202000187• The major role of the SRF will be planning, execution and analysis of cell biology and biochemistry experiments. Experience in both standard and advanced methods in biochemistry and cell biology are required to carry out this project. Practical knowledge in Western blot, Cell culture, Histology, Imaging, Flow cytometry, with theoretical knowledge on HPLC and LC-MS will be an advantage. Experience in the use of basic bioinformatics tools will be a plus. Thus, the SRF is expected to be independent and willing to do PhD with the responsibility to publish his/her research findings. Furthermore, the SRF will collaborate with other labs at local as well as national levels.• The SRF is expected to train/supervise the students from Bachelor-level to Master-level.
Fellowship details	Rs. 35,000 per month plus HRA (24%).

1. Eligible and interested candidates are requested to submit their applications as per the below mentioned format **on or before 15th August 2021** to the email ID j_tamilselvan@yahoo.in as a **single pdf file**. Applications received after due date and incomplete applications, if any, will be summarily rejected.
2. Candidates found suitable in preliminary screening will be informed via email. A written test will be conducted once we receive large number of applications in order to shortlist candidates for interview. The necessary information will be communicated to the candidates by email.
3. Selected candidates will have to work with **Dr. Tamilselvan Jayavelu**, Assistant Professor, Centre for Biotechnology, Anna University, Chennai – 600025.
4. Kindly note that the appointment to be made is purely temporary and co-terminous with the project.

Dr. Tamilselvan Jayavelu
Assistant Professor
Centre for Biotechnology
Anna University, Chennai - 600025



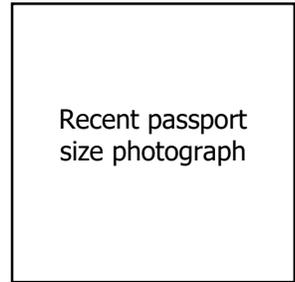
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**Call for the recruitment of Senior Research Fellow (SRF) under SERB project
CRG/2020/003399**

Application form (SRF)

1. Name:
2. Date of Birth (DD/MM/YY):
3. Age / Sex:
4. Marital status:
5. Address:
6. Email:
7. Phone:
8. Educational Qualifications (recent to past):



Degree	Specialization	Year of passing	% marks	Place of study (School, College and/or University name with place)

9. Details of CSIR-NET, GATE, BET, etc., qualified, if any:
10. Details of documented research experience, if any (recent to past):
11. Details of Peer-reviewed **journal** publications, if any:
12. Details of Hands-on experience with research techniques, if any:
13. *Summary of post-graduation thesis work (Maximum 250 words):
14. *Statement of interest relevant to this project position (Maximum 500 words):
15. *Career goals, if any:
16. Languages known:
17. Other necessary details relevant to this position:
18. *Name and contact details two referees:

Declaration:

I,, hereby declare that the above mentioned details are true to my knowledge and able to provide necessary documents in original upon request.

Signature of the Applicant