

**School of Biotechnology  
Madurai Kamaraj University  
Madurai-625021  
File No: EMR/2015/000945**

One Junior research Fellowship (JRF) position is available in my laboratory to study calcium signaling and InsP3R mediated activation of CaMKII $\delta$  during cardiac remodeling in a DST-SERB funded project.

Research in the lab focuses on the mechanism of regulation of CaMKII $\delta$  activation during agonist induced pathophysiology of the heart. We will study both in-vitro and in-vivo using adult rat/rabbit cardiomyocytes and rabbit models respectively. For more information see our recent publications (Ref: J.Biol.Chem 287(47): 39419-28; J.Biol.Chem. 289(9): 6188-98) .

1. Title of the project : **Inositol 1,4,5-triphosphate Mediated Activation of CaMKII During Cardiac Remodeling**
2. Position : Junior Research Fellow (One position)
3. Duration : Until the project period of March 2019
4. Fellowship : As per SERB recommendations

We are seeking highly motivated applicants ready to learn with experience in molecular biology, cell biology and biochemistry. Prior experience in animal handling is a plus.

**Qualifications:** Candidates with **Master's degree in any branch of life sciences**, with excellent work ethics, honest, responsible and highly motivated, with proficient skills in molecular and cell biology can apply. Animal handling is a plus. (\*Candidates with individual fellowship from CSIR/DBT/ICMR/UGC can also apply for two additional positions).

Interested candidates should send a CV with an SOP explaining how your expertise would help to accomplish this proposed work. Email to

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**Last date for Applying this position: On or before November 11<sup>th</sup>, 2016**

**Note: Only shortlisted candidates will be called for interview and no TA/DA will be provided for attending the interview.**