

**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 δ during cardiac remodeling in a DST-SERB funded project.

Research in the lab focuses on the mechanism of regulation of CaMKII δ 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

Qualifications: Candidates with **Master's degree in Biotechnology / Biochemistry / Molecular Biology / Microbiology and other animal sciences related subjects**, 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 **hard copy** of the CV with an SOP (Statement Of Purpose) explaining how your expertise would help to accomplish this proposed work. Incomplete applications will be rejected.

Sankar Natesan, PhD
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Last date for Applying this position: On or before January 02nd, 2017

- Note:** 1. Candidates who have applied earlier need not to apply. However eligible candidates will be called for interview.
2. Only shortlisted candidates will be called for interview and no TA/DA will be provided for attending the interview.