



Indian Institute of Science-560012

Department of Microbiology and Cell Biology

Applications are invited for **Principal Project Associate (1) and **Project Associate (1)****

The Indian Institute of Science (IISc) has been recognized as an Institution of Eminence (IoE) by the Government of India. We are looking for a motivated and bright researcher interested to explore career opportunities in vaccine biology or virology in the Department of Microbiology and Cell Biology at IISc.

Applications are invited from motivated and eligible candidates for positions in the research project “**Evaluation of prophylactic potential of a VLP based vaccine candidate against Hepatitis C Virus (HCV) gt3**”. The project is aimed to develop VLP based vaccine which will be used to study its role against HCV.

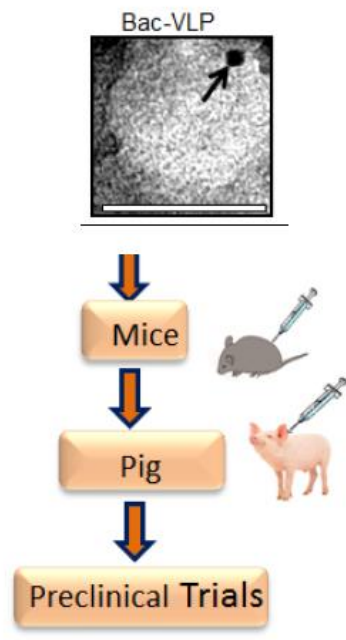


Figure 1: Model depicting experimental plan of the project

Details of Project:

Name of the Project: Evaluation of prophylactic potential of a VLP based vaccine candidate against Hepatitis C Virus gt3.

Name of the Investigator: Prof. Saumitra Das, Department of Microbiology and Cell Biology, IISc

Sponsoring agency: Department of Biotechnology

Duration of the Project: 2 Years

Principal Project Associate- 1

Essential Qualification- Ph.D. in Life Sciences/Biotechnology/Basic Science (those with previous experience with working on viruses or vaccine development will be preferred) with good scientific publication record and relevant research experience as evidenced from thesis work carried out in a reputed scientific institution and publications. Ph.D. with First class or equivalent (in terms of grades, etc.) in the preceding degree and a good academic record throughout. Candidates who have submitted their Ph.D. thesis can also apply, along with proof of submission.

Desirable- Project involves virology, vaccine biology, molecular biology, cell biology and immunology. Candidate with hands on experience in biochemistry including recombinant protein expression in insect cell-lines and purification, advanced molecular biology techniques including quantitative RT-PCR, VLP preparation, immunological assays, cytotoxicity assay, practical experience in protein chemistry, histopathology and flowcytometry will be preferred.

Age Limit- 35 years

Fellowship- Principal project associate will be paid salary **49,000+ HRA**, as per sanctioned from DBT.

Project Associate-1

Essential Qualification- Minimum **60% marks:** Master's degree in Life Sciences/Biotechnology/Basic Science with good academic record and **CSIR-UGC-NET/GATE**.

Desirable- Project involves virology, vaccine biology, molecular biology, cell biology and immunology, so preference will be given to the candidate who is having experience in animal handling, animal cell culture, molecular biology, vaccine preparation and immunology experiments.

Age Limit- 28 years

Fellowship- Project associate will be paid salary **31,000+ HRA**, as per sanctioned from DBT.

How to apply- Interested candidates may send (email) their **resume** to jaishreerao@iisc.ac.in before **June 5th, 2020**. Only shortlisted candidates will be informed by e-mail to appear for the interview. No TA/DA will be paid for attending the interview. The decision of IISc in all matters relating to eligibility, acceptance or rejection of application, mode of selection, and conduct of interviews will be final and binding on the candidates.