



University of California
San Francisco

Schools of Pharmacy and Medicine
Bioengineering and Therapeutic Sciences

POSTDOCTORAL RESEARCHER POSITION

Department of Bioengineering and Therapeutic Sciences

Supervisor: Dr. Shuvo Roy, Director, Biodesign Laboratory (<https://pharm.ucsf.edu/roy>)

Description

The Biodesign Laboratory at UCSF, led by Dr. Shuvo Roy, is seeking a highly motivated postdoctoral fellow to work on the implantable Bioartificial Pancreas project, a multidisciplinary team of academic and industry researchers who are applying MEMS (microelectromechanical systems) and tissue engineering strategies to create an implantable bioartificial pancreas for the treatment of diabetes.

The prospective post-doc will contribute to developing an implantable device suitable for preclinical testing in collaboration with endocrinologists, biomedical engineers, and transplant surgeons. More specifically, this individual will be working on islet biology, tissue engineering, and biomaterials,

Qualifications

The successful candidate should have a PhD degree in Engineering, Physics, Chemistry, or a closely related field in biomedical sciences, and prior hands-on experience with islets is required. Hands-on skills with experimental setups and the ability to communicate well, both verbal and written, with collaborators at different institutions are essential. Prior experience with cell culture techniques, tissue engineering, biomaterials, medical device development, and biomedical engineering related mass transport mathematical modeling is preferred.

How to Apply

Please send a CV/resume, brief statement describing research interests and experience, career goals, and email contact information for three (3) references to shuvo.roy@ucsf.edu.