

Postdoctoral fellow in a research project funded by a Wellcome-Trust/DBT India Alliance Intermediate Fellowship Grant

Title: Molecular mechanism of Cell-cell adhesion by non-classical cadherins

This project aims to decipher the molecular mechanism of non-classical cadherins in cell-cell junction. Recently, non-classical Cadherin, cadherin-23 has been found at the cell-cell junction of Breast-cancer cells mediating both homotypic and heterotypic cell-adhesion with Fibroblasts. We are interested to understand the molecular and structural details of these molecules at the cell-cell junction.

We are an interdisciplinary research group who use single molecule techniques to understand biology quantitatively. To know more about our research interests, please visit our web-page.

Positions: One

Duration: One year and extendable up to 3 years upon evaluation

Emoluments: As per IISER Mohali

Essential Qualifications:

The applicants should hold a PhD or MD/PhD, and have a strong training in molecular biology and cell biology. Expertise in fluorescence based and AFM based imaging techniques and bio-informatics are desired. It is also essential that the candidates have strong first author publication history. Interested applicants should email their CV and a 1-page cover letter (describing their past accomplishments, research interests and career goals) along with names and contact information of three references to: srakshit@iisermohali.ac.in.

Submission Deadline for Full Application: 30th April, 2017

Interview (walk-in or skype): 15th May-17th May, 2017

Exact date, time and venue will be intimated to the shortlisted candidates by email.

Joining Date: 1st June, 2017

Contact person:

Sabyasachi Rakshit, PhD

Assistant Professor

Wellcome Trust/ DBT Intermediate Fellow

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