

Applications are invited for full time JRF/project assistant and post-doctoral fellow positions in the Blood and Stem Cell Lab (Khurana lab; <http://faculty.iisertvm.ac.in/~satishkhurana/>) @IISER TVM. The group is involved in active research to unravel the regulatory mechanisms underlying *hematopoietic stem cell* function. Highly motivated candidates with proficiency in mouse work, cell culture, flowcytometry and imaging techniques will be preferred. The project entitled “Role of Periostin-Integrin- $\alpha$ v in adult and fetal hematopoiesis” is funded by Wellcome trust-DBT India Alliance and involves analysis of hematopoietic system using a variety of transgenic mouse models.

- Eligibility

- For the Post-doctoral position, a PhD degree in any field of biology with a proven track record of high quality research in terms of peer reviewed articles.
- A Masters’ degree in any field of biology for JRF/project assistant position (for detail visit our website)
- Should have excellent writing and communication skills
- Experience in using mouse model and imaging will be preferred

The selected candidates will work in a young lab aiming to work at the forefront of stem cell research. Research in the lab is centered around functional regulation of hematopoietic stem cells, the most known stem cells to clinic. Researchers in the lab work on molecular, physical and bioenergetic regulation of stem cell function during fetal and adult hematopoiesis. ‘Niched’ in a very stimulating environment of School of Biology at IISER TVM, the lab will provide a platform for young researchers to acquire expertise in cutting edge basic research field and technology. Independent thinking and new ideas will always be welcome to address relevant questions in the field.

Interested applicants should write to Satish Khurana ([satishkhurana@iisertvm.ac.in](mailto:satishkhurana@iisertvm.ac.in)), Assistant Professor, IISER TVM before 5<sup>th</sup> March 2017. The candidates are requested to send their detailed CV including name and contact information of at least three referees. For details, please visit <http://iisertvm.ac.in>