



University of Hyderabad

School of Life Sciences

JRF/SRF Next Generation Sequencing (NGS) data analysis

Applications are invited from qualified individuals for a temporary Junior or Senior Research Fellow (JRF/SRF) position, sponsored by the National Institute of Animal Biotechnology (NIAB-DBT) project dealing with cell signaling and chromatin dynamics during cellular differentiation (NIAB/CP/107/2012).

Project Position	Qualification	Fellowship/month	Duration
JRF/SRF	M.Sc/IM.Sc. M. Tech	JRF: Rs. 12,000 + HRA SRF: Rs. 18,000 + HRA	Appointment till March 2015

Our laboratory is investigating the **dynamics of 3-D genome organization and gene expression upon extra cellular signalling** utilizing a combination of genetic, molecular and computational approaches in association with high throughput sequencing based chromatin structure analyzing methods. Successful candidate shall pursue project related to computational analysis of genome and epigenome data derived from mouse primary epithelial cell line model system.

Applicants should have M.Sc/Integrated M.Sc. in any branch of Biological sciences (JRF) with 2 years of experience (SRF) or M.Tech in Biotechnology or Bioinformatics (SRF) with experience in Computational biology, bioinformatics, statistics, machine learning and algorithmic development is required. Knowledge of programming languages (e.g. C, C++, Perl, Python, Ruby etc.) and statistical framework (e.g. R, matlab, etc.) is preferable. Basic understanding of molecular biology will be an added advantage.

Interested candidates with the above mentioned qualification can send their curriculum vitae to Dr.K. Sreenivasulu, Department of Animal Sciences, School of Life Sciences, South campus, University of Hyderabad or via email at svksl@uohyd.ernet.in. Last date for submission of applications is 03/07/2014. Eligible candidates will be called for an interview and they should carry all original certificates of the qualifying exam. No TA/ DA will be paid for attending the interview or at the time of joining the post.

Candidates with CSIR/UGC/ICMR/DBT JRF qualifications if interested in above mentioned area of research are welcomed to approach principal investigator for a position leading to PhD.