Open position

Bioinformatician (100%) in the Functional Cancer Genomics Group
Directed by Prof. Jean-Philippe Theurillat
Institute of Oncology Research (IOR)
Bellinzona, Switzerland

www.ior.usi.ch

The Institute of Oncology Research (IOR) in Bellinzona, Switzerland, is a rapidly evolving, leading center for basic and translational research in oncology in Europe. IOR is affiliated to the Università della Svizzera italiana (USI) and its Faculty of Biomedical Sciences, as well as to other leading Swiss Universities and Research Centers.

The IOR is now located in a brand-new, high-tech research building that hosts about 20 different research groups, with state-of-the-art labs and facilities, multicultural environment and daily occasions of interaction with world leaders in the fields of cancer, basic immunology and cancer immunology.

Together with the Institute for Research in Biomedicine (IRB), the IOR is member of Bios+, a recently established non-profit association aiming to promote, support and coordinate scientific research and teaching activities of its members (www.biosplus.ch).

We are now looking for a motivated and enthusiastic Bioinformatician interested in working in a very active environment at competitive projects in the area of Functional Cancer Genomics, directed by Prof. Jean-Philippe Theurillat.

The highly collaborative lab has ongoing projects with groups at Harvard, MIT and ETHZ, among others.

Job Description

The successful candidate will work as part of an international team that is dedicated to understanding how new driver alterations culled from cancer genome characterization studies promote tumorigenesis, and how gathered insights can be exploited to develop precision medicines. The position offers excellent scientific opportunities in a highly stimulating and interdisciplinary environment involving close interactions between medical and basic scientists. Investigations range from projects related to:

- Integrated analysis of genomic, transcriptomic, and proteomic expression changes related to prostate cancer progression
- Single-cell RNAseq analysis related to drug perturbations
- Silent somatic mutations as a surrogate for cancer dependencies
Candidate's profile

- The successful candidate is determined to solve important and challenging questions in biology/medicine
- Master or Ph.D. in bioinformatics
- Experience in the analysis of DNA, RNA, and ChIP sequencing data
- Interested or experience in artificial intelligence/machine learning

Application

We are looking forward to receiving your comprehensive digital application in English in a single PDF-File.
Application will include curriculum vitae (with training, working experience and publications), two reference letters, and a statement of research interest (maximum one page).

Please submit your application to: humanresources@ior.usi.ch
Reference in the object: JPT_BioInf_2022
Applications sent to different contacts, in other formats or after the deadline will not be considered.

More information about the Institute and Prof. Jean-Philippe Theurillat is available at following link: https://www.ior.usi.ch
For inquiry regarding this job or submission of complete application including two references please contact Prof. Jean-Philippe Theurillat via email: jean-philippe.theurillat@ior.usi.ch

Employment

Salary will follow the standard of IOR salary scale that is in line with the rest of Switzerland.
Initial appointment: 1 year - 100%.

Deadline
December 19, 2021

Starting date
Early 2022
Selected recent publications:


