
Bio-informatician in Experimental Hematology

Start date November 2020

The Experimental Hematology group at the Institute of Oncology Research (IOR) in Bellinzona, Switzerland, (www.ior.usi.ch) headed by Prof. Davide Rossi, is seeking a BIO-INFORMATICIAN (100% employment contract) for the project entitled: **Discovery of genetic/epigenetic addictions in NOTCH2/KLF2-mutated lymphoma**

The candidate must be highly motivated with a personal interest in translational studies.

The ideal candidate must possess bio-informatics experience in:

1. Analysis of bulk and single cell RNA-Seq experiments.
2. Analysis of epigenomic experiments, including ATAC-seq and ChIP-seq
3. Advanced competences in medical statistics (survival, regressions, meta-analyses)
4. Develop bioinformatics tools to compile and analyze big data
5. Knowledge of basic machine learning for the integration of multi-omics data, assessment of validity and prediction accuracy of tools developed
6. Problem-solving to overcome technical challenges (including basic Linux operation and operation of bioinformatics analysis pipelines)
7. Ability to deliver comprehensive and clear visualization of the data analysed

Candidates must have the ability to work on multiple projects, must be able to independently organize daily work as well as co-operate with other members of the research team.

The IOR is affiliated to USI - Università della Svizzera italiana and other leading Swiss Universities and Research Centers. The IOR provides excellent core facilities, highly competitive salary and support structures.

English is the official language. The salary will be commensurate with qualification and experience.

Initial appointment: 1 year.

Where: Bellinzona, the capital of Ticino, the scenic southern part of Switzerland.

When: the position is available starting from November 2020

Applicants should submit by email:

- Detailed curriculum vitae with known techniques and publications list;
- Statement of their work interests (maximum one page);
- List of referees, with their email addresses.

Please send all documents, with “**DR_Bio Informatician 2020**” as subject, directly to Davide.Rossi@eoc.ch.

Deadline for application: September 15th, 2020