Bio-informatician in Experimental Hematology

Start date June 2019
The Experimental Hematology group at the Institute of Oncology Research (IOR) in Bellinzona, Switzerland, (www.ior.usi.ch) headed by Dr. Davide Rossi, is seeking a BIO-INFORMATICIAN (100% employment contract) for the project entitled: Multi-omics analysis in B cell neoplasia

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 targeted resequencing, Whole Exon/Genome Sequencing and RNA-Seq experiments. Ability to independently setup pipelines for the analysis of other genomic data (ATAC-seq, ChIP-seq)
2. Develop bioinformatics tools to compile and analyze “big data”, including longitudinal assessment of combined mutational profiles, gene expression and phosphoproteomics
3. Knowledge of basic machine learning for the integration of multi-omics data, assessment of validity and prediction accuracy of tools developed
4. Advanced competences in medical statistics (survival, regressions, meta-analyses)
5. Perfect knowledge of R. Knowledge of SPSS and MATLAB is a plus
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 June 2019

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 2019" as subject, directly to jobs@ior.usi.ch and Davide.Rossi@eoc.ch.

Deadline for application: May 15th, 2019