
**NGS Data Analyst (100%) in the Functional Cancer Genomics Group
Directed by Prof. Jean-Philippe Theurillat
Institute of Oncology Research (IOR), Bellinzona, Switzerland
www.ior.usi.ch**

We are looking for a talented

NGS Data Analyst

interested in working on competitive projects in **Prostate Cancer Progression**.

Publications of the laboratory:

<https://pubmed.ncbi.nlm.nih.gov/?term=Theurillat%2C+Jean-Philippe+%5BAuthor%5D>

Role Mission

The successful candidate will work as part of an international team that is dedicated to understanding how molecular alterations promote tumorigenesis, and how gathered insights can be exploited to develop better therapies. 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 (including single-cell), and proteomic expression changes related to human prostate cancer progression (PMID: 34857732, <https://pcaprofilertest.tk/public/home>)
- Study of longitudinal molecular changes related to androgen receptor inhibition adaptation in different patient-derived xenograft models
- Single-cell RNA sequencing and analysis related to drug perturbations

Your profile

Essentials:

- Ph.D. in bioinformatics/computational biology
- At least one first-author publication in a high-profile journal
- Extensive experience with RNA-seq, ChIP-seq and scRNA-seq data analysis
- Strategic thinking, self-initiative, and a strong sense of accountability with an ability and willingness to challenge, be challenged and learn

Desirable:

- Experience with DNA-seq of liquid biopsies
- Interest or experience in artificial intelligence and web tool programming

Our commitment

The position is located at the Institute of Oncology Research (IOR) in Southern Switzerland. The initial appointment with competitive salaries is for 1 year - 100%. The IOR in Bellinzona is a rapidly evolving, leading center for basic and translational cancer research located in brand-new research building with state-of-the-art facilities. The IOR is affiliated with the Università della Svizzera italiana (USI) and runs with the Euler Institute a world-wide recognized Computational Biomedicine program (www.euler.usi.ch). The IOR is also affiliated with the Swiss Institute of Bioinformatics (SIB, <https://www.sib.swiss>) which offers a broad range of training programs.

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 email object: **yoursurname_JPT_Data Analyst**

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 the following link: www.ior.usi.ch

For inquiry regarding this job please contact: jean-philippe.theurillat@ior.usi.ch

Deadline

30.04.2023

Starting date

Spring/summer 2023