
Lab Technician position in the Functional Cancer Genomics Lab – Prof. Jean-Philippe Theurillat

Lab Technician in the Functional Cancer Genomics laboratory directed by Prof. Jean-Philippe Theurillat at the IOR – Institute of Oncology Research in Bellinzona, Switzerland

The Institute of Oncology Research (IOR)

The IOR, affiliated with the Università della Svizzera italiana (USI), is located in a brand-new, high-tech research building that hosts more than 20 different research groups. It offers state-of-the-art facilities together with the neighboring Institute for Research in Biomedicine (IRB). It offers a thriving environment with leading edge research projects and multiple occasions of interaction with world leaders in the fields of cancer, immunology, and DNA biology (see Ph.D. lecture series at [PhD Program](#)).

The **Functional Cancer Genomics Lab**, led by Prof. Jean-Philippe Theurillat investigates the molecular mechanisms of prostate cancer progression and therapeutic resistance. The group combines functional genomics, translational pathology, and cutting-edge experimental models to drive discoveries from bench to bedside. A full list of our publications is available on [PubMed](#).

Your tasks

As a lab technician, you will play a central role in supporting the experimental work of the group. Your responsibilities will include:

- Maintaining and managing our patient-derived xenograft (PDX) in vivo models
- Performing in vivo experiments, including drug treatments, to identify novel therapeutic opportunities for prostate cancer patients
- Conducting standard mammalian cell culture
- Establishing and maintaining next-generation 3D organoid ex vivo models

Requirements

- A degree or diploma in biology, biomedicine, laboratory technology, or a closely related field
- We particularly encourage applications from young, highly motivated lab technicians
- Experience with cell culture and mouse models is an advantage, but not a requirement
- LTK1 certification preferred but not required
- Pro-active, collaborative attitude and a genuine passion for hands-on, leading-edge research
- Strong communication skills (English is mandatory) and team player spirit

What we offer

- A competitive salary
- The opportunity to learn and grow in a stimulating, international research environment
- Access to state-of-the-art core facilities (e.g., SPF-mouse facility with in vivo imaging, genomics, microscopy, histology, flow cytometry, and more)

- Hands-on training at the interface of cancer biology and in vivo/ex vivo experimental models
- A dynamic, supportive, and international team culture
- Strong mentoring with an emphasis on personal development

The Application

Applications must contain:

- A short motivation letter describing your background and interest in the position
- A detailed CV
- Contact details of two references if possible

Applications must be submitted online by filling out the form accessible through the following link: **CANDIDATES**. You will also need to upload the documents listed above.

For scientific and position-related questions, please contact: jean-philippe.theurillat@ior.usi.ch
For administrative questions, please contact humanresources@ior.usi.ch

Applications that do not meet the requirements, sent to different contacts, in other formats, or after the deadline will not be considered.

Deadline: August 31st, 2026

Starting date: Negotiable.

More information about the IOR is available at www.ior.usi.ch and <https://ior.usi.ch/en/group/functional-cancer-genomics>

IOR strives to be an equal opportunity and family-friendly employer. As an institution that values diversity, IOR particularly encourages applications from women and all individuals from underrepresented groups.

Bellinzona, 24.07.2026