Postdoctoral fellow and PhD Student position 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 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

1 Postdoctoral fellow
1 PhD Student

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.

Selected recent publications

Job Description
The successful candidate will work as part of an international team that is dedicated to understanding how the genetic context of tumor cells influences the treatment of prostate cancer patients with the recently approved radioligand $^{177}$Lu-PSMA-617. 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:

- Regulation of the drug-delivery target PSMA in prostate cancer
- Biology of residual tumor cells after androgen receptor inhibition
- Mechanisms of resistance to $^{177}$Lu-PSMA-617 and other radioligands
- Targeting micro-metastasis and residual tumor cells with radioligand therapy

Candidate’s profile
- Determined to solve important and challenging questions in biology/medicine
- Strong interest/background in gene expression regulation and chromatin biology and cancer mouse models
- At least one first-author publication for postdocs and a co-authorship for PhD student applicants
- Ph.D or M.D./Ph.D. already obtained or soon-to-be for postdoc applicants

Employment
Salary will follow the standard of IOR salary scale that is in line with the rest of Switzerland.

Initial appointment
PostDoc: 1 year - 100%
Phd Student: 3 years – 100%

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

Deadline
16.06.2022

Starting date
Summer / fall 2022