
Open position
Postdoctoral Position in Cancer Immunotherapy (100%)
Institute of Oncology Research (IOR)
Bellinzona, Switzerland
www.ior.usi.ch

Institute of Oncology Research (IOR)

The **IOR**, affiliated with the Università della Svizzera italiana (**USI**), is now located in a brand-new high-tech research building that hosts more than 20 different research groups, with state-of-the-art labs and facilities. 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). IOR offers a multicultural environment and daily occasions of interaction with world leaders in the fields of cancer, basic immunology, and cancer immunology. The Calcinotto lab offers a brand-new fully equipped lab of 90m² and an international, stimulating, dynamic and friendly atmosphere.

The position is fully funded by a Pierre Mercier Foundation grant. Initial appointment: 1 year - 100%.

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

From 2019, the **Cancer Immunotherapy Lab**, headed by Dr. Arianna Calcinotto, is located at the Institute of Oncology Research (IOR) in Bellinzona.

Project background

The Calcinotto lab works on dissect the interactions between tumour cells, **the tissue-specific bacteria** and the **tumour-infiltrating immune cells** in breast cancer initiation, progression, and treatment-resistance to develop novel effective therapies for the treatment of hormone-dependent **breast cancer** patients and prevention in **individuals with germline BRCA mutations**. Dr. Calcinotto published more than 20 articles in peer-reviewed journals, such as Nature, Science and Nature communications (e.g., Calcinotto et al., Nature, 2018; Calcinotto et al., Nature comm, 2018; Pernigoni et al., Science, 2021; Montopoli et al., Annals of Oncol 2021; Grioni et al., Blood Adv 2021).

Job description

We seek a highly motivated postdoctoral fellow interested in studying the role of tissue-microbiota and immune responses in breast cancer. Additionally, the successful candidate will be part of an ongoing effort to elucidate the mechanisms of immature myeloid cells differentiation in cancer and their role in highly proliferative hormone-dependent breast cancers.

Your profile

- A highly motivated applicant with a **PhD** or MD/PhD degree and a strong background in cancer research and immunology.
- Familiar with cell culture and molecular biology.
- Experience in flow cytometry and mouse experimentation is mandatory.
- Excited to work in a fast-growing lab and highly collaborative environment.

- Capable of independent thinking, ambitious, focused on discovery and dedicated to perform research of the highest quality.
- A team player with excellent communication and writing skills (English).

Interested?

Please submit your application in a single PDF-File including the following documents at humanresources@ior.usi.ch (reference: *Surname_AC_PostDoc2022*):

- CV
- Motivation Letter
- 2 Reference Letters (or contact details of referees)

Deadline

January 9, 2022

Starting date

Early 2022