
Lab Technician (50%-100%) in the Stem Cells and Cancer Lab – Prof. Arianna Baggiolini

Lab Technician in the Stem Cells & Cancer laboratory directed by Prof. Arianna Baggiolini 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 labs and facilities, which include fully equipped Flow Cytometry, Microscopy, Genomics and Histopathology Facilities. Together with the Institute for Research in Biomedicine (IRB), the IOR is a member of **Bios+**, a non-profit association aiming to promote, support, and coordinate its members' scientific research and teaching activities (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, a thriving environment, an exciting research project and multiple occasions of interaction with world leaders in the fields of cancer, basic immunology, and cancer immunology (see Ph.D. lecture series at [PhD Program](#)).

The **Stem Cells & Cancer Lab**, led by Prof. Arianna Baggiolini, explores a wide array of topics, ranging from human pluripotent stem cell (hPSC)-based models of development and disease to cancer neuroscience and the tumor microenvironment. The lab offers an international, inclusive, and dynamic atmosphere

Requirements

We offer a 1-year contract for the Lab Technician position. The position can be 50%-100%. The ideal candidate is a pro-active, flexible, independent, and team-oriented scientist. She/he should be a problem solver with great organizational skills. A background in cell culture and basic molecular biology techniques is required. Furthermore, experience with human pluripotent stem cells or mouse work (LTK1 or equivalent) is a strong advantage. The candidate should have at least one year of previous research experience and hold a degree as a Biological laboratory assistant, a Bachelor of Science degree or a Master of Science degree.

Your responsibilities

We are looking for a highly motivated candidate who can independently organize the lab and contribute to different ongoing projects in parallel.

Main responsibilities include:

- Lab organization.
- Ordering and organization of reagents.
- Preparation of stocks and solutions.
- Work with cell lines and human pluripotent stem cells.
- Conduct research using a range of techniques, Western blot, RNA extraction, PCR, qRT-PCR, ELISA, cloning.
- Mouse colony maintenance and genotyping.

Candidate's soft skills

- Willing to work in a highly collaborative and dynamic environment.
- Capable of independent thinking, ambitious, focused on discovery and dedicated to performing research of the highest quality.
- Team players with excellent communication and writing skills (English).

The Application

Applications must contain:

- Letter in which the candidate describes the reasons why is applying specifically to our laboratory (maximal one page)
- Detailed curriculum vitae with publications list
- Copies of relevant diplomas and certificates
- List of two to three references (including their email addresses). No letter of support required right now.

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.

Salary will be in line with the guidelines of the Swiss National Science Foundation.

For scientific and position-related questions, please contact: arianna.baggiolini@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: November 15th, 2025

Starting date: As soon as possible, negotiable.

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

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, 30.09.2025