
PhD student position in Molecular Immunology (IRB Bellinzona, Switzerland)

A funded PhD student position is available in the Molecular Immunology lab to explore molecular mechanisms controlling immune-cell differentiation and function in health and disease, with a focus on human T cells.

Your profile

- You are highly motivated and excited about developing scientific independence.
- You recently completed a Master's degree in Immunology, Molecular Biology, or a related field.
- You are fluent in spoken and written English.
- Bioinformatics skills and/ or experience with CRISPR technologies are a plus.

Project & Environment

- You will be encouraged to develop independent scientific thinking and to actively shape the direction of your project.
- Methodologies will include primary cell culture, flow cytometry, CRISPR-based perturbations, functional assays, molecular biology and biochemistry.
- Bellinzona, located in the Italian-speaking region of southern Switzerland, offers a high quality of life, outdoor activities and excellent connections to Zurich and Milan.

What we offer

- Swiss National Science Foundation (SNSF)-aligned salary and conditions.
- Outstanding training, mentoring, and regular scientific exchange. The IRB offers state-of-the-art facilities and a vibrant, welcoming international environment with journal clubs, seminars, and scientific events.
- **Start date: September-October 2026.**
- PhD students are enrolled at the Università della Svizzera italiana (USI).

How to apply

Send a **single PDF** to silvia.monticelli@irb.usi.ch, containing:

- Motivation letter with a brief statement of research interests
- CV including the complete list of Bachelor's and Master's courses and final grades
- Names and email addresses of two referees

Applications will be reviewed on a rolling basis until the position is filled.

Lab page: www.irb.usi.ch/molecular-immunology