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# Post-doc and/ or PhD student position in molecular immunology

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A postdoctoral and/ or a PhD student position are available in the group of Dr. Silvia Monticelli at the Institute for Research in Biomedicine (IRB) in Bellinzona, Switzerland ([www.irb.usi.ch/molecular-immunology](http://www.irb.usi.ch/molecular-immunology)), to join projects aimed at understanding mechanisms of regulation of gene expression in immune-mediated processes.

## Description

The research topic concerns the study of transcriptional and post-transcriptional regulation of gene expression in cells of the immune system. The general goal is to extend our knowledge of the mechanisms that regulate immune cell differentiation and functions and to disclose networks of interaction between transcription factors, RNA-binding proteins, microRNAs and their targets. This project offers the opportunity to learn a wide range of techniques in cellular immunology and molecular biology, as well as to develop independent thinking. Access to state-of-the-art research facilities is also provided. The environment at IRB favors the exchange of knowledge and ideas through journal clubs, seminars and talks. Salaries are in line with the recommendations of the Swiss National Science Foundation, and the starting date is negotiable.

## Selected lab publications

- Džafa E *et al* Immunological Reviews **2021** (Review)
- Emming S *et al* Nature Immunology **2020**

## Requirements

The successful candidate has recently obtained a PhD or Master degree in a field related to immunology and is fluent in spoken and written English. Previous experience in working with immune cells or a solid background in experimental molecular biology are preferable, but not mandatory. Applicants should be highly motivated and ambitious, reliable, flexible and ready to develop independent thinking and learn new skills.

## Applications

Applications will be evaluated as they are received and until the position is filled. Please send a single pdf file by email to [silvia.monticelli@irb.usi.ch](mailto:silvia.monticelli@irb.usi.ch), including the following:

- a motivation letter including a statement of research interests
- CV including degree(s) with grades of final examinations and a publication list (if applicable)
- Names of at least two referees.