

# Postdoc position in the field of T cell biology

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## Postdoctoral position in T cell biology / developmental biology (Ellmeier Laboratory at the Medical University of Vienna) [www.meduniwien.ac.at/immunobiology](http://www.meduniwien.ac.at/immunobiology)

We are looking for a motivated and enthusiastic postdoctoral fellow who is interested to investigate transcriptional control mechanisms regulating murine and human Th cell differentiation, in particular assessing the role of the BTB-ZF transcription factor MAZR. Moreover, we will explore MAZR function during murine embryonic development. The experimental strategies to address our research interests include multi-color flow-cytometry, a variety of immunological tools, biochemical and molecular approaches, retroviral-mediated gene transduction into hematopoietic stem cells, next generation sequencing, mass spectrometry and mouse molecular genetics tools.

### PUBLICATIONS RELATED TO THE RESEARCH TOPIC

- Bilic et al, Nature Immunol, 7(4) PMID: 16491076
- Ellmeier W, and Taniuchi, I. Current Topics in Microbiology and Immunology. 381: PMID: 24850219
- Sakaguchi et al, Nat Immunol. 11(5) PMID: 20383150
- Sakaguchi et al, J Immunol. 195(6) PMID: 26254341
- Andersen et al, Cell Rep. 29(13) PMID: 31875552

### REQUIRED QUALIFICATIONS

- A PhD degree (or equivalent) in life sciences with an excellent productivity record
- Track record in molecular biology, molecular immunology, cellular immunology
- Strong motivation to engage in the project and to work independently
- Experience in one of the following fields would be advantageous (working with transgenic mouse models, skills in mouse or human T cell culture)

### OUR OFFER

Being part of an Austrian Science Fund (FWF) funded research project in an international research group that investigates the molecular regulation of T cell-mediated immunity at the **Institute of Immunology, Medical University of Vienna, Austria**, embedded in a stimulating interdisciplinary research environment with access to state-of-the-art technology.

### SALARY and APPOINTMENT DURATION

The monthly gross salary will be in accordance with the Austrian Science Fund (FWF) rates:

[\(https://www.fwf.ac.at/en/research-funding/personnel-costs/\)](https://www.fwf.ac.at/en/research-funding/personnel-costs/)

The postdoctoral position is initially for 2 years with the possibility to extend for additional 12 months.

### APPLICATION

Electronic applications must include the following documents in a **single PDF file**:

1. Academic curriculum vitae of no more than 2 -3 pages
2. List of peer-reviewed publications
3. At least two names of academic references
4. Motivation letter explaining why you wish to start / continue a career in the field (1 page)

Applications (subject heading "Application for Postdoc-Position") or questions about the open position should be e-mailed to: **wilfried.ellmeier@meduniwien.ac.at**

The call is open from September 4, 2023 until the position is filled. Short-listed candidates will be invited for Zoom interviews and/or personal interviews. Starting date is as soon as possible.