

## 2 PhD Positions in JAK-STAT Signaling Pathway & Genome Reprogramming Vienna Austria



The Special Research Programme (SFB) “Monarchies and Hierarchies in Shaping Chromatin Landscapes” funded by the Austrian Science Fund FWF offers several PhD positions ([www.jak-stat.at](http://www.jak-stat.at)). The group aims to gain further insights into the role of the JAK-STAT signalling pathway in the onset, resolution and treatment of infection, inflammation and cancer. The SFB consortium offers a world-class scientific research environment where scientists from different backgrounds interact in an inter-disciplinary, open, and creative environment.

The SFB research consortium is coordinated by the University of Veterinary Medicine Vienna and brings together the activities of a network of six laboratories at the Max Perutz Laboratories of the University of Vienna, the Medical University of Vienna and the Research Center of Molecular Medicine (CeMM) of the Austrian Academy of Sciences. Participants benefit significantly from common standards and protocols and from the close collaboration of experts in molecular genetics, epigenetics, tumour genetics, pharmacology, bioinformatics and intensive care medicine, which is unique in the world. This interdisciplinary research in life sciences at the highest level helps excellent PhD students to develop into next generation scientists through a comprehensive research and training program.

Topics include:

- Chromatin architecture and regulators of transcriptional states and memory of interferon-induced genes
- TYK2 and STAT1 as multi-layered regulators in splenic immune and stromal cells

The SFB consortium welcomes students with different academic backgrounds who can bring their skills and experiences to the scientific setting.

Students with a (veterinary) medicine degree or Master’s degree in molecular or cellular biology, genetics, (bio)informatics, computer science and related areas are encouraged to apply.

We ask you to send the following documents latest by May 28, 2021:

- CV
- Statement of purpose that explains your research experience and your motivation for applying to the SFB program (one page maximum)
- University transcripts and diplomas of all degree programs (to be submitted in English)
- Contact information of three referees

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