

# Full Professorship in Molecular Mechanisms of Disease

## Introduction

The Max Perutz Labs - one of Europe's leading institutes for basic research in the life sciences - invite applications for a Full Professorship in Molecular Mechanisms of Disease. We are seeking outstanding candidates to advance our mission of analyzing and reconstituting complex biological systems across scales, with a strong focus on their relevance to human disease.

## About the position

We are particularly interested in, but not limited to, research focused on diseases associated with metabolic disorders, dysregulated cellular stress responses and quality control mechanisms, aberrant epigenetic regulation, RNA biology and chromosome organization, as well as host-pathogen interactions and immune dysfunction. Candidates should demonstrate an exceptional and internationally recognized track record in the mechanistic analysis of disease, and a research direction that is both original and innovative.

We welcome approaches that connect fundamental biological questions with cutting-edge technologies, such as organoids, in vitro disease models, and multiscale analysis platforms integrating experiment and (AI/ML-powered) computational modeling to uncover causality at the molecular level and system-level dysfunction. The successful candidate will join a vibrant, collaborative, and interdisciplinary environment that fosters scientific excellence and innovation.

Together with IMP, GMI, AITHYRA, UBB and IMBA, the Perutz is part of the Vienna BioCenter - a dynamic and interconnected life science campus that is one of Europe's premier research hubs, home to over 2,000 scientists from 80+ nations and more than 30 biotech companies. The Vienna BioCenter fosters a highly collaborative environment, providing ample opportunities for interdisciplinary research. As a joint venture of the University of Vienna and the Medical University of Vienna, the Perutz facilitates cooperation with a wide range of faculties in the medical sciences and clinic, as well as physics, mathematics and computational sciences, broadening the scope of your research.

## Your academic profile

- Doctoral degree/PhD
- Outstanding research achievements, excellent publication and funding record, international reputation
- Proven leadership qualities
- Gender and diversity competence
- Experience in designing and managing large research projects
- Enthusiasm for excellent teaching and supervision at the bachelor's, master's, and doctoral level
- Willingness to take on organisational and administrative responsibilities within the Max Perutz Labs and/or the University of Vienna

## We offer

- a wide range of research and teaching support services
- attractive working conditions in a city with a high quality of life
- an attractive salary according to the [Collective Bargaining Agreement for University Staff](#) (§98 UG, level A1, to be negotiated individually) and an organisational retirement plan
- a “start-up package”, in particular for the initiation of research projects
- comprehensive relocation support

The Perutz offers subsidized access to state-of-the-art core facilities, including an established SOPF grade mouse house, preclinical phenotyping, histology, FACS, biooptics, electron microscopy, proteomics, metabolomics, next-generation sequencing, and high-performance computing. The Perutz participates in prestigious programs, including the Vienna BioCenter PhD program, the EU-funded VIP3 postdoctoral program, and the Vienna BioCenter Summer School. The Perutz offers Max Perutz PhD Fellowships for exceptional doctoral candidates.

The working language at the Vienna BioCenter is English, and the environment is highly supportive and family-friendly, including subsidized, on-site childcare for faculty and staff. Located in Vienna—consistently ranked as the world’s most livable city—scientists at the Perutz enjoy a vibrant international community, and an exceptional quality of life. Vienna combines affordable living, excellent public services, and easy access to stunning landscapes and top destinations across Austria and Europe.

## Application documents

Please submit a **single PDF file** (LastName\_FirstName.pdf) containing the following information in English via e-mail to the Scientific Director, Alwin Köhler ([ScientificDirectorOffice@maxperutzlabs.ac.at](mailto:ScientificDirectorOffice@maxperutzlabs.ac.at)):

1. **Letter of motivation**
2. **Academic curriculum vitae**
  - education and training
  - positions held to date
  - career breaks (e.g. parental, family or other care periods)
  - awards and honors
  - commissions of trust
  - previous and current cooperation partners
  - list of most important acquired third-party funding as principal investigator, and, if applicable, of inventions/patents
  - list of most important scientific talks (max. 10)
  - teaching and mentoring
  - supervision experience (Master and PhD)
3. **List of publications and a link to your ORCID record**
4. **Research statement**
  - most important research achievements (max. 2 pages) and planned future research activities (max. 4 pages)
  - synopsis of five key publications with relevance to the position advertised
5. **Teaching and supervision statement**
  - teaching and supervision concept, including a description of the previous and planned priorities in academic teaching and supervision (max. 2 pages)

**Appendices to application document:**

- a. **Five key publications as electronic full text version**
- b. **Teaching evaluations** (if available, compiled into a single PDF file)
- c. **Copies of certificates of academic degrees** (mandatory, compiled into a single PDF file)

The University of Vienna has an anti-discriminatory employment policy and attaches great importance to equal opportunities, the [advancement of women](#) and [diversity](#). We lay special emphasis on increasing the number of women in senior and in academic positions among the academic and general university staff and therefore expressly encourage qualified women to apply. Given equal qualifications, preference will be given to female candidates.

**Reference no.:** MMD2025

**Application deadline:** 17 September 2025

**Contact**

Questions related to this position can be addressed to the Scientific Director, Alwin Köhler ([ScientificDirectorOffice@maxperutzlabs.ac.at](mailto:ScientificDirectorOffice@maxperutzlabs.ac.at)).

**About the Max Perutz Labs**

The Max Perutz Labs are a research institute established by the University of Vienna and the Medical University of Vienna to provide an environment for excellent, internationally recognized research and education in the field of Molecular Biology. Dedicated to a mechanistic understanding of fundamental biomedical processes, scientists at the Max Perutz Labs aim to link breakthroughs in basic research to advances in human health. The Max Perutz Labs are located at the [Vienna BioCenter](#), one of Europe's hotspots for Life Sciences, and host 41 research groups, involving around 450 scientists and staff from more than 50 nations.

[www.maxperutzlabs.ac.at](http://www.maxperutzlabs.ac.at)