

The University of Vienna and the Medical University of Vienna (MedUni Vienna) are internationally renowned for their excellence in teaching and research, and together count more than 11.000 academics from all disciplines. This breadth of expertise offers unique opportunities to address the complex challenges of modern society, to develop comprehensive new approaches, and educate the problem-solvers of tomorrow from a multidisciplinary perspective.

The Max Perutz Labs of the University of Vienna and the Medical University of Vienna seek to appoint a

**Full Professor
of
Quantitative Synthetic Biology**

The Max Perutz Labs are a joint venture between the two universities, dedicated to a mechanistic understanding of fundamental biomedical processes. The mission of the institute is to analyze and reconstitute complex biological systems across different spatial and temporal scales.

The position:

The successful candidate qualifies by an outstanding and internationally recognized research portfolio at the interface of biology and engineering to interrogate complex systems or to develop synthetic biomedical solutions. The candidate leverages quantitative tools, such as mathematical modeling, biophysics, computational simulations or bioinformatics, to predict and/or optimize the behavior of biological systems, which can range from the molecular scale to cells, tissues and organisms. Scientists whose research programs complement existing areas and allow interaction with established groups at the Max Perutz Labs and Vienna BioCenter Campus are encouraged to apply. The candidate has a strong commitment to curriculum development and mentoring the next generation of quantitative synthetic biologists. The professorship represents the discipline quantitative synthetic biology in teaching at all levels of study (Medical Curriculum, BA, MA, PhD).

Your academic profile:

- Doctoral degree/PhD
- Outstanding research achievements, excellent publication, funding record and international reputation in experimental and / or theoretical synthetic biology
- Proven leadership qualities
- Gender and diversity competence
- Experience in designing and managing large research projects
- Passion for education and mentorship, nurturing students and researchers to excel in quantitative synthetic biology at the bachelor's, master's, and doctoral level
- Strong communication skills to facilitate cross-disciplinary collaboration
- Willingness to take on organisational and administrative responsibilities within the Max Perutz Labs and/or the Universities
- Diversity and gender competence

We offer:

- a dynamic research environment at the Vienna BioCenter Campus
- a wide range of research and teaching support services
- attractive working conditions in a city with a high quality of life

- permanent employment according to the Austrian Employees Act
- 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 Max Perutz Labs (<https://www.maxperutzlabs.ac.at>) build on unique opportunities that arise from being embedded in the Vienna BioCenter Campus and provide an excellent research environment in one of Europe’s prime locations for biomedical research including world-class core research facilities as well as international PhD programs (<https://www.viennabiocenter.org>). The Vienna BioCenter campus hosts an international daycare. The working language of the institute is English.

Application documents:

Please submit a **single PDF file** (LastName_FirstName.pdf) containing the following information in English via e-mail to faculty-recruiting@meduniwien.ac.at and deans-office@maxperutzlabs.ac.at:

1. **Letter of motivation**
2. **Academic curriculum vitae**
 - education and training
 - positions held to date
 - relevant parental, family or other care times
 - 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 (in a single PDF or ZIP file named “LastName_FirstName_Appendices.pdf/zip”):

- a. **Ten key publications as electronic full text version** (if not publicly available)
- 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 and the Medical University of Vienna have an anti-discriminatory employment policy and attach 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.

[Privacy Policy at the University of Vienna](#)

[Privacy Policy at the Medical University of Vienna](#)

Reference no.: QSB2023

Application deadline: 15 April 2024