



At the Medical University of Vienna a position as

## Assistant Professor in Data Integration and Predictive Analytics in Metabolism

according to § 99 (5) University Law 2002 (UG) is announced.

The Medical University of Vienna is one of Europe's premiere institutions for biomedical and clinical research. We are looking for a highly qualified scientist in the field of artificial intelligence (AI) driven data integration and predictive analytics in metabolism with enthusiasm for inter- and multidisciplinary research, and commitment to teaching.

The candidate is expected to have outstanding expertise in the strategic and methodical management of large research data sets, including the integration of multi-omics with AI-powered technology. This includes techniques for improvement of data quality, data analysis, and decision-making to strengthen, expand and cross-link existing research cluster topics within the university. The candidate should have outstanding expertise in machine learning-enhanced predictive analytics utilizing Natural Language Processing along with programming skills in Python, PyTorch, R, MATLAB and PowerShell.

Your profile:

- Completed scientific or medical education with PhD or equivalent degree.
- International recognition in the respective research area.
- Successful and continuous acquisition of peer-reviewed third-party funding.
- Educational and didactic qualifications including supervision of Masters and PhD students.
- Diversity and gender competence.
- International working experience

### We offer:

The successful candidate will be offered an Assistant Professor position for a maximum duration of six years. Should the candidate meet the conditions stipulated in the qualification agreement, she:he will be promoted to tenured Associate Professor. Conditions and criteria are defined in the official career track guidelines of the university (Career scheme for the scientific University staff according to §99 Abs. 5 University Act 2002 "New qualification agreement" - <https://www.meduniwien.ac.at/web/karriere/karriereentwicklung-an-der-meduni-wien/>).

The gross salary for this position is based on the collective agreement for university employees (§49, A2) and may be adjusted depending on previous work experience.

The Department of Medicine III as part of the FWF Cluster of Excellence (COE14) "**Metabolic control of aging and disease**" provides an excellent research environment including access to state-of-the-art research core facilities as well as international PhD programs.



The MedUni Vienna aims to increase the proportion of women in leadership positions and therefore encourages qualified female candidates to apply. In case of equivalent qualifications, preference will be given to female applicants. The MedUni Vienna has child care facilities on campus.

**Application documents:**

Please submit your application in English to [faculty-recruiting5@meduniwien.ac.at](mailto:faculty-recruiting5@meduniwien.ac.at) by **November 15, 2024** at the latest. All files should be merged into a single PDF.

Applications should include:

- curriculum vitae
- list of publications
- list of five key publications with the possibility of electronic downloading
- summary of research and teaching activities
- a concept of future research plans
- contact addresses of three referees

Applicants are also requested to complete the form (FactSheet) posted online and to attach it to their application ([https://www.meduniwien.ac.at/Factsheet\\_Professuren\\_99\\_5\\_UG/](https://www.meduniwien.ac.at/Factsheet_Professuren_99_5_UG/)).

Information in accordance with the General Data Protection Regulation can be found at [https://www.meduniwien.ac.at/Datenschutz\\_Professuren/](https://www.meduniwien.ac.at/Datenschutz_Professuren/)

**About us**

The Medical University of Vienna is one of the most established medical training and research institutions in Europe. With 8,000 students, it is today the largest medical training facility in the German-speaking area. Together, 30 university departments and two clinical institutes as well as 13 basic science centres and numerous highly specialized laboratories make the Medical University of Vienna one of the most important cutting-edge research institutions in biomedicine.  
[www.meduniwien.ac.at](http://www.meduniwien.ac.at).

Professor Markus Müller, MD

Rector