

MEDICAL UNIVERSITY OF GRAZ - WHO WE ARE

The Medical University of Graz takes a holistic view of the human being. We are committed to supporting, accompanying and training the people entrusted to us and promoting their development. “Pioneering Minds—Research and Education for Patients’ Health and Well-being“ is our common strategy and vision that keeps us moving forward.

*Become part of an extraordinary team –
become a pioneering mind!*

Insights into the Medical Science City Graz can be found here



Tenure Track Professor of Functional Culturomics in Microbiome Research

Diagnostic and Research Center for Molecular BioMedicine

Diagnostic and Research Institute of Hygiene, Microbiology and Environmental Medicine

Full-time position (100%); initially limited to 6 years, becoming a tenured position when the qualification agreement is met

We are looking for an excellent researcher with great potential to develop an internationally recognized research agenda in the field of functional culturomics.

The strategic research field “Microbiome and Infection” at the Medical University of Graz focuses on the human microbiome and its interaction with its host. Following a systems biology framework, we have developed a research pipeline spanning (clinical) microbiome profiling, functional experimentation, and predictive *in silico* modeling. Our success is reflected in high-impact publications, strong third-party funding (FWF, EU, ERC), and international scientific visibility. Within the Diagnostic and Research Center for Molecular Biomedicine, we aim to functionally understand key microbial species and communities that shape ecosystem stability and human health. One particularly novel strength is the combination of advanced anaerobic cultivation with multi-omics functional analysis.

State-of-the-art infrastructure across the institutes and research facilities provides cutting-edge anaerobic cultivation platforms, a high-throughput single-cell dispenser, advanced computational resources, and access to excellent core facilities. These resources are embedded in a strong international network of academic and industry partners that includes the FWF “MicroPlanet” and “MetAGE” Clusters of Excellence, creating an ideal environment for an outstanding researcher to establish an internationally visible program in Functional Culturomics.

The initial appointment is limited to six years. After the conclusion of a qualification agreement, the career advancement goal is to transfer to a tenured position as an associate professor (tenure track professor pursuant to § 99 para. 5 and 6 of the Universities Act). If the candidate demonstrates outstanding and remarkable achievements, the qualification agreement may be fulfilled more quickly.

Your responsibilities:

- Conducting cutting-edge research in the field of Functional Culturomics with a focus on the cultivation, isolation, and physiological characterization of human keystone microorganisms in pure cultures or natural/synthetic communities

- Producing high-quality scientific publications on a regular basis in the field of microbiology, microbiome, and/or infection research
- Leading an internationally recognized research group and acquiring third-party funding
- Networking through national and international research collaborations
- Teaching undergraduate and graduate courses, supervising diploma and PhD students, and mentoring and promoting young researchers
- Supporting scientific and public outreach in the research area

Your qualifications and skills:

- PhD or equivalent doctoral degree in microbiology or a related field
- Profound research expertise in the field of microbiome research, microbial cultivation, and microbial physiology
- Proven track record of high-quality publications and peer-reviewed research grants or other third-party funding as a lead or principal investigator
- Experience in leading a research group
- Previous experience in teaching and/or (co)supervising pre- and postgraduate students
- Postdoctoral research fellowship abroad or at a different institution than where the PhD was completed
- High level of proficiency in both written and spoken English (equivalent to proficiency level C1 of the Common European Framework of Reference for Languages)

Your ideal profile:

- Expertise in anaerobic microorganisms
- Team player able to motivate colleagues and students
- Responsible work habits and problem-solving skills
- Empathy as well as communication and social skills
- Management and leadership skills
- Gender and diversity skills

Application:

We are looking forward to your application via our online job portal:

<https://www.medunigraz.at/en/job-openings/tenure-track-professorships>

Application deadline: **May 14, 2026**

Please note that we can only consider complete applications that have been received by the application deadline. A list of the documents to be submitted can be found [here](#).

Statutory information: The minimum remuneration is based on the collective agreement for university employees (KV § 49.2).

Scheduled date for job interviews: July 2, 2026 at the Medical University of Graz

Contact: rektorin@medunigraz.at

The Medical University of Graz is committed to increasing the proportion of women in management positions and encourages qualified women to apply. Among applicants with equal qualifications, female applicants will be given priority. We also welcome applications from qualified individuals with disabilities and encourage them to apply.

WE OFFER OUR EMPLOYEES



Unique teaching and research opportunities at Medical Science City Graz and state-of-the-art infrastructure



An environment conducive to reconciling family and work



Extensive professional development opportunities



Child care at kinderCAMPUS and if required Dual Career Services



International mobility and a supportive welcome service



Innovative career paths at the established university campus in Graz



Secure employment



Extensive perks



Flexible working hours and the option of working from home



Health promotion opportunities (e.g., physical exercise, medical check-ups, coaching)



Generous vacation policies



Paid lunch break



Sustainable mobility (e.g., bicycle subsidy, Job Ticket) and easy access by public transportation



Wide variety of employee events



Excellent training

www.medunigraz.at

