



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.

We are looking for employees with an innovative spirit who would like to help us fulfill our overriding mission of promoting the health and well-being of our patients through research, teaching, learning and administrative support.

“Pioneering Minds—Research and Education for Patients' Health and Well-being” is the strategy and mission that keeps us moving forward.

Become part of an extraordinary team:

Tenure Track Professor of Host Fungal Pathogen Interaction

**at the Department of Internal Medicine
Division of Infectious Diseases**
Full-time position (100%)
Limited to 6 years

We are looking for an excellent researcher with great potential to develop an internationally acclaimed research agenda in the field of mycology with a focus on host fungal pathogen interactions (no clinical appointment).

The successful candidate is expected to conduct research in the field of mycology as well as to teach the subjects mycology, infectious diseases, biology and immunology (depending on the education and experience of the applicant). She/He should be an expert in host fungal pathogen interaction and fungal biology. The new position will complement the research activities of the Division of Infectious Diseases, the ECMM Excellence Center and the Translational Mycology working group at the Medical University of Graz.

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.

Core duties and responsibilities:

- Conducting cutting-edge scientific research in translational and basic mycology with a focus on host-fungus interplay (no clinical appointment)
- Establishing and leading an internationally visible research team
- Teaching undergraduate and graduate courses, supervising diploma and PhD students and mentoring and promoting young researchers

- Acquiring third-party funding and taking the lead in such research projects
- Writing and publishing high-quality scientific papers
- Establishing and maintaining networks through local, national and international research collaborations
- Giving lectures and seminars at conferences, hosting visitors and organizing conferences in the field
- Supporting scientific and public outreach in the research area (public lectures, media, etc.)
- Actively participating in the research, organization and management of the Division of Infectious Diseases and the Ignaz Semmelweis Institute (an interuniversity infectious diseases research center currently being established in Vienna), including on matters related to teaching

Successful candidates must have the following qualifications and skills:

- PhD, MD/PhD or equivalent doctoral degree in molecular biology, cell biology, biochemistry, immunology or a related field
- Experience in at least one of the proposed research areas of the professorship:
 - Role of innate immune cells in fungal colonization and antifungal host defense in invasive mucosal and systemic fungal infection
 - Role of chemotactic factors, receptors, signaling and response in host defense against invasive candidiasis and invasive mold infection
 - Dynamics of fungal colonization on mucosal surfaces and skin and related immune response including potential clinical implications
 - Interaction of fungal, bacterial and archaeal colonization on mucosal surfaces
 - Genetic determinants of susceptibility to fungal infection in animal models and humans
 - Organ-specific immunity in invasive candidiasis and mold infection
 - Immunological mechanisms of susceptibility to systemic fungal infections in patients with receptor, signaling or signal transduction deficiencies or defects
 - Identification of novel biomarkers for diagnosis or treatment response to fungal infections
- Proven track record of high-quality publications and peer-reviewed research grants
- Experience in leading a research project
- Postdoctoral research fellowship abroad or at a different institution than where the PhD was completed
- Previous experience in teaching and/or in (co)supervising doctoral students and/or training of postdoctoral fellows (depending on the applicant's career stage)
- High level of proficiency in both written and spoken English (equivalent to proficiency level C1)
- German native speaker or willingness to learn German

The ideal candidate has the following profile:

- An outstanding level of motivation with a “think outside the box” mentality, an eagerness to cooperate, open-mindedness and the desire as well as ability to work in a team
- Excellent organizational, communication, and social skills

Application:

Med Uni Graz invites all applicants to submit their application online by **05 February 2023**.

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

Statutory information: The minimum remuneration is based on the collective agreement for university employees (KV § 49.2). A higher salary for this position is contingent upon qualifications and may be negotiated with the rector.

Scheduled date for job interviews: 28 March 2023 at the Medical University of Graz

Contact: rektor@medunigraz.at

The Medical University of Graz is committed to increasing the proportion of women in leading 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.