

# Tenure Track Position according to § 99 (5) Universities Act for AI-Based and Molecular Personalized Prostate Cancer Research

at the Department of Urology of the Medical University of Innsbruck  
(full-time position)

The Medical University of Innsbruck, located in the heart of the Austrian Alps, is the largest and most important medical research and education facility in the West of Austria. We currently teach and train over 3,600 students in seven Bachelor-, Master- and Doctoral Programs, most of them in medicine. A dedicated staff of more than 2,200 employees covers all relevant fields from basic research to clinical sciences.

The successful applicant initially concludes an employment contract for a fixed term of six years and, following a positive outcome of the procedure, a qualification agreement. Once it has been established that the qualification agreement has been fulfilled on the basis of a positive evaluation, the contract is converted into an employment contract for an indefinite period.

## **Your profile**

### **Requirements:**

- PhD or comparable qualification relevant to the field
- excellent research and publication activity in the field of oncology
- potential to head an independent scientific research group
- experience in the conception, acquisition and management of third-party funded research projects
- academic teaching experience as well as the willingness to get involved in teaching activities and their further development
- willingness to participate in interdisciplinary and translationally oriented research in the field of artificial intelligence (AI)-Based and Molecular Personalized Prostate Cancer Research
- international experience
- high intrinsic motivation, innovative, collaborative, and results-driven mindset
- in-depth knowledge of artificial intelligence-based drug and biomarker development
- experience with mouse models, organoids, PDXs, and 3D cell cultures
- research experience in genetics, metabolism, and immunomodulation in prostate cancer
- willingness to engage in interdisciplinary research with clinicians and basic scientists at MUI, as well as openness to international collaborations

### **Your main task:**

- academic teaching and supervising students within the different university programs
- the establishment of a research group in the field of AI-Based and Molecular Personalized Prostate Cancer Research
- supervision of (clinical) PhD students in the laboratory
- acquisition and management of nationally and/or internationally funded research projects
- omics approaches, single-cell analyses, and big data analyses with a focus on the prostate cancer tumor microenvironment
- development of cancer immunotherapy models using GEMMs and RNA-based CRISPR/Cas9 systems
- acquisition and leadership of nationally and internationally funded research projects
- willingness to engage in patient-oriented research

### **We offer:**

- a competitive start-up package including guaranteed annual base funding
- a varied and largely independent job  
in a highly attractive work and social environment in a most liveable city
- a dynamic research environment
- numerous further education and development opportunities
- support through central service facilities
- various attractive additional company benefits (including but not limited to excellent support through our service-oriented administration, childcare support, dual career consultation, and an inhouse pension fund in addition to the statutory social insurance)

The current position (full-time employment) commences with a 6-year contract based on a mutually accorded qualification agreement. If the qualification goals are met following a positive evaluation, the contract can be extended indefinitely with the job title of 'associate professor'.

A salary based on group B1 (or A2 after fulfillment of a qualification agreement based on a positive evaluation) of the collective contract ('Universitätskollektivvertrag') for Austrian university employees.

### **Application**

The complete application documents (see Application Guidelines under: <https://www.i-med.ac.at/karriere/laufbahn.html>) must be sent digitally (as pdf files) in German or English to the following e-mail address: [tenu-retrack@i-med.ac.at](mailto:tenu-retrack@i-med.ac.at)

Deadline for submissions is 06.08.2025

Non-EU citizens must fulfil the relevant Austrian legal requirements regarding residence and work permits.

Applicants are not entitled to compensation for travel expenses with reference to this tender.

The Medical University of Innsbruck is an equal opportunity employer. We seek candidates who embrace and reflect diversity and encourage minorities/women/individuals with disabilities to apply.

In case of inconsistencies between the German and the English versions of this tender, the legally binding version is the German one.

Further information about the Medical University of Innsbruck can be found on: [www.i-med.ac.at](http://www.i-med.ac.at)

For detailed information and all documents in support of an application please see: <https://www.i-med.ac.at/karriere/laufbahn.html>

Univ.-Prof. Dr. W. Wolfgang Fleischhacker  
President