We are looking for a motivated and dedicated member of staff to support our team.

University Assistant (Postdoc)

University Clinic of Internal Medicine III – Digital Cardiology Lab
40 hours/week,
from October 2025, initially for two years

Your area of responsibility

We invite highly motivated candidates to apply for a full-time PostDoc position (40 hours per week, available from October) in the Digital Cardiology Group (https://dlaskalab.i-med.ac.at) at the Medical University of Innsbruck. The research group is led by Prof. Clemens Dlaska and is affiliated with the University Clinic of Internal Medicine III – Cardiology and Angiology.

Working at the interface of technology and medicine we aim at exploiting the opportunities offered by digitally available patient data for cardiovascular health. As being part of a highly-interdisciplinary team of technological and medical domain experts PostDocs in our group will thus work on research directions including:

- Development of new artificial intelligence (AI)/machine learning (ML) methods to early detect and predict cardiovascular diseases from real-world, multimodal clinical data
- Identifying novel, e.g., AI/ML based, digital biomarkers
- Investigating and establishing novel data acquisition and curation strategies inside and outside the clinic (app development for mobile devices, novel data acquisition routines as part of clinical routine etc.) and contributing to clinical trials

Your tasks include

- Research, teaching and administration

Your profile

- PhD degree (or equivalent) in a relevant field such as computer science, AI/ML, physics, mathematics, bioinformatics, data science, or medicine with excellent demonstrated academic record
- Experience development and application of state-of-the-art AI/ML methods, especially for multimodal medical data
- Experience in signal processing
- Motivation to collaborate with a highly-interdisciplinary team
- Ability to independently work on research tasks and motivation to collaboratively identify possible research paths and lead respective research projects
- Programming skills (e.g., python) and experience in working with high-performance computing infrastructure (e.g., slurm)
- Experience in using and developing AI/ML methods or being enthusiastic about learning AI/ML methods for medical applications
- Excellent verbal and written English skills
- Experience in tutoring PhD and Master students
- Willingness to support the group in administrative tasks and grant proposals

Our offer

- Highly relevant research projects at the forefront of a very timely and interdisciplinary research area
- Cutting-edge research infrastructure
- Possibility to contribute to the full medical research pipeline from medical questions to technology development to clinical trials in a leading role
- International collaborations with leading institutions

- Opportunity to be part of the Faculty of AI and Scientific Computing in Medicine (https://aiscm.i-med.ac.at)
- Competitive salary according to the "Kollektivvertrag" at the Medical University of Innsbruck and numerous social benefits for employees
- Various post-graduate career development opportunities
- Attractive campus and dynamic research environment embedded in a vibrant city

Application process

You will find the legally binding and complete advertisement for this position in the respective newsletter (https://www.i-med.ac.at/mitteilungsblatt/2024/62.pdf) or take a look at our careers page: https://www.i-med.ac.at/karriere/jobs/20082025/wissenschaftlich/MEDI-19946.html

Please send your detailed application (in PDF files) by 10.09.2025 (incoming), quoting the reference number MEDI-19946, per e-mail to: bewerbung@i-med.ac.at.

Your application should include a brief cover letter (max. one page), curriculum vitae, transcript of records (grades and certificates), and contact details of at least two referees.

For further information, please contact clemens.dlaska@i-med.ac.at or visit https://dlaskalab.i-med.ac.at.

Equal opportunities for all!
We offer our employees a fair working environment in which they can develop individually. We focus on diversity and equal opportunities, including by deliberately increasing the proportion of women in all professional groups, especially in management positions. We expressly encourage qualified women to apply. Personnel decisions are made on the basis of qualifications and not gender. In order to support working parents, we offer flexible working time models and childcare facilities