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!

Bioinformatics, computational biology postdoctoral fellow (f/m/d)
at the Institute of Human Genetics
Diagnostic and Research Center for Molecular BioMedicine
Medical University of Graz, AUSTRIA

Full-time position (100%)
Limited to 2 years
(If the candidate demonstrates outstanding and remarkable achievements, extension may be possible)

We are looking for an ambitious researcher to participate in an exciting project to develop a non-invasive test to early detect pancreatic cancer, one of the deadliest diseases in Europe. As a partner of this EU funded project with a total of 18 institutions from 8 EU countries, we will jointly promote the application of liquid biopsy towards early detection of cancer. Our project part will specifically involve the establishment and validation of ultra-sensitive blood tests using cell-free DNA.

The successful candidate must have the capacity to ***execute proficient computational analyses*** and troubleshoot independently, communicate effectively with our collaborators, and thrive in a highly collaborative team environment. This opportunity offers the candidate to leverage skills in bioinformatics and computational biology with cutting-edge biomedical research in the field of liquid biopsy. We are open to early-stage candidates, who have recently completed their PhD or will do so in the near future – but also to candidates who have already collected initial postdoctoral research experience and are eager to proceed with their scientific career.

The following qualifications and skills are required
- Completion of a PhD (or completion in the near future) in machine learning, computer science, statistics, bioinformatics or in another quantitative field, ideally combining methodologically and applied research (in any field)
- Competency in programming languages such as Python and/or R
- Ability to work within an international consortium, organizational skills, teamwork, quick comprehension, commitment
- Excellent organizational, communication and social skills
- Good English language skills

The following qualifications and skills are desired
- Specifically, the candidate should have experience with NGS data analysis and the application of bioinformatics algorithms
- Strong interest in translational cancer research and biomarker development
- Experience in supervision of students

Tasks
- Contribution to an international EU wide project, participation in consortia calls and meeting
- Working together with international renowned scientists in the field of liquid biopsy
- Data evaluation and authorship of scientific publications
- Supervision and guidance of students, interns and other academic staff
- Collection and documentation of research results, Data analysis and data integration of cfDNA analysis

We offer a dynamic and international research environment in an internationally recognized research group, Crisis-proof workplace, meaningful activity, appreciative interaction and open exchange of knowledge within the team; structured induction training. The minimum gross salary for this position is EUR 4,351.90 (14 times per year) based on full-time employment.

Please submit your application documents via our online portal until April 06, 2023.
https://www.medunigraz.at/offene-stellen/wissenschaftliches-personal-nicht-aerztlich?job=DFI-HUMGEN-2023-002152
For more information contact ellen.heitzer@medunigraz.at.