Internship at the Institute of Human Genetics
at the Medical University of Graz

The Liquid Biopsy Research group at the Institute of Human Genetics at the Medical University of Graz is looking for your support in an exciting research project. "Liquid biopsy" refers to a novel technology where certain parameters of the peripheral blood are scrutinized aiming at diagnosing diseases non-invasively such as cancer. In fact, liquid biopsy is hailed as one of the most promising novel technologies in the field of medicine with the potential of novel options for early disease detection or to improve the selection of specific treatments.

Currently, we are looking for students (f/m/d) who would like to get insights into multi-parametric analyses of several features within our blood using support vector machines, machine learning and logistic regression. You will support our research mission by solving the following tasks: we conduct whole-genome sequencing of DNA fragments extracted from the peripheral blood. We then transform these sequencing data into coverage patterns and decipher those to get insights about possible disease stages of an individual.

What you will bring to the team
- Bachelor’s degree in computing, informatics, data science or a similar area
- Interest in medical research
- Programming skills, in particular with Python and R and their standard libraries

What we offer in return
- Very friendly and supportive work atmosphere
- Flexible working hours and state-of-the art equipped workplace
- A truly translational research team
- Work on an exciting medical project, which will change the prospect of many persons with diseases
- Excellent remuneration

Applications are always welcome!
If this raised your interest, please send in your application or inquire about additional information.

Contact:
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