

The Rheinische Friedrich-Wilhelms-Universität Bonn is an international research university that offers a wide range of degree programs. With 200 years of history, about 38,000 students, over 6.000 employees, and an excellent domestic and international reputation, Bonn University is among Germany's leading universities.

Starting at the earliest date possible/01.12.2018 and preliminarily limited to a fixed contract until 31.11.2021, the West German Genome Center (WGGC) hosted by the PRECISE Platform for Single Cell Genomics and Epigenomics at the Life and Medical Sciences Institute and the Institute for Human Genetics is seeking a

Bioinformatician (100%, TVL13)

The West German Genome Center (WGGC) is one of four Next Generation Sequencing (NGS) Competence Centers (NGS-CCs) funded by the German Research Foundation (DFG). The WGGCs main NGS sites are at the University of Bonn, University of Cologne and the University of Düsseldorf. The WGGC has been founded to develop and provide NGS services for the academic community throughout Germany. The position will be located primarily at the Life and Medical Sciences Institute, Carl-Troll-Str. 31.

Your responsibilities:

- Developing and implementing single cell RNA-sequencing pipelines and data analytics
- Development of the existing Docker environment
- Developing NGS processing pipelines and data analytics at the WGGC site in Bonn
- Optimizing NGS pipelines for memory-driven computing
- Supporting the management board of the WGGC in harmonizing NGS pipelines at the different WGGC centers

Your qualifications:

- University degree (PhD) in Bioinformatics, or a similar subject
- Strong background in computational biology, bioinformatics, biomathematics, biostatistics is of advantage
- Knowledge and experience in the analysis of Next-Generation Sequencing data e.g. RNA-Seq, ChIP-Seq and ATAC-Seq
- strong background in biology, preferable immunology
- experience in High-performance computing
- computer programming skills
- native speaker or near-native command of the English language
- motivated, flexible, team oriented and interested in continued professional development.

We offer:

- a varied and challenging position with one of the biggest employers in the area
- a fully established bioinformatics department
- participation in the university-wide pension system (VBL)
- access to the extensive university sports program
- an excellent transport infrastructure with the opportunity to obtain a discounted employee ticket for public transportation (VRS) or to use assigned, affordable parking
- a salary based on the 13 TV-L scale

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university and aims to increase the proportion of women employed in areas where women are under-represented and to promote their careers. To that end, it urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable candidates with a certified disability or equivalent status are particularly welcome.

If you are interested in (filling) this position, please send your **complete application documents** by **15.10.2018** to **office.immunogenomics@uni-bonn.de** with the application code **WGGC/Bonn/bioinformatics**. Before sending your application, please combine and convert all of your documents into one PDF file. For further information please contact Elke Meyer (Tel.: 0228/7362787).