The University Hospital Bonn is a maximum care facility with a regular capacity of 1,300 beds. Our current staff of more than 8,000 performs assigned duties in research, teaching and medical treatment, including the use of advanced medical technologies, and public health care services at the highest possible level. Interested applicants will be offered a wide range of employment opportunities in a variety of fields.

The Core Unit for Bioinformatics Data Analysis, University Hospital of Bonn, Germany is inviting applications for a

Bioinformatician (m/f/d)

The position is full time and starts immediately and is for a period of two years, with the possibility of an extension.

The Core Unit for Bioinformatics at the Medical Faculty of the University of Bonn provides quantitative and computational analyses, training and consultation. It benefits from a shared computing infrastructure and exchange of expertise due to its embedding and liaison with the Institut für Medizinische Biometrie, Informatik und Epidemiologie (IMBIE) and the Institute for Genomic Statistics and Bioinformatics (IGSB). It operates in close collaboration with other core units like the NGS and mass spectrometry core. The unit aims to establish a platform for computational biology, to share and offer expertise, analyses and resources. The platform will continuously evolve according to the needs of the collaborators and progress in science to provide state-of-the-art bioinformatics and data analyses.

Your tasks:

- Analysis and processing of high-volume data such as next generation sequencing data
- Design, implementation and application of tailored analysis workflows
- Interaction and collaboration with researchers and consultation
- Presentation and reporting of results
- Computational infrastructure, e.g. set-up of software tools and databases
- Working in a team with bioinformatics and computational colleagues
- Training courses and education

Your profile:

- Master or PhD in bioinformatics, mathematics, computer science or any related field
- Proficiency in programming, e.g. with R/Bioconductor or Python
- Strong expertise in the analysis of NGS data such as variant calling or RNA-Seq
- Profound knowledge of visualisation techniques and statistics
- Experience with HPC, cloud environments, web servers and containers
- Knowledge of genetics and molecular biology concepts is considered a plus
- Good communication and presentation skills
- Team player capable of adapting to an interdisciplinary and evolving environment
We offer:

- The salary will be according to the German salary scale TV-L (EG 13)
- A “Jobticket” (subsidized public transport) is available
- There is also a possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the Landesgleichstellungsgesetz (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Please send your application which should include a CV and cover letter by email using the reference number 449_2020 till 1st September 2020 to

Core Unit for Bioinformatics Data Analysis
Universitätsklinikum Bonn
Venusberg-Campus 1
53127 Bonn, Germany
Email: andreas.buness@uni-bonn.de