BERLIN INSTITUTE OF HEALTH (BIH) invites applications for:

Postdoctoral Researcher

IN COMPUTATIONAL BIOLOGY / BIOINFORMATICS

Berlin Institute of Health (BIH) combines the excellence of its independent member entities: Charité – Universitätsmedizin Berlin and Max Delbrück Center for Molecular Medicine in the Helmholtz Association. BIH applies translational research and precision medicine to enhance the scientific exchange between biomedical basic research, clinical research, and clinical application and to utilize new scientific and to promote technological developments for new diagnostic, therapeutic, and preventive approaches for medicine and public health.

We seek motivated postdoctoral fellow in computational biology/bioinformatics who will join Martin Kircher's Junior Research Group to work on sequence analysis, data mining and functional genomics. Based on a broad interest in genetics, epigenetics, evolution and adaptation, the group develops computational solutions to overcome technical and experimental obstacles in high-throughput sequencing-based protocols. With the increasing adoption of sequencing technologies in medical research and practice, currently the main focus area of the lab are computational approaches for identifying functionally relevant genetic changes in disease and adaptation, specifically in non-coding sequence.

Your profile:

- PhD or equivalent in bioinformatics, computational biology or similar, alternatively in computer sciences with a very strong record of molecular biology large-scale data analysis
- Experienced developer in a programming language such as Python, C++, or Java
- Proficient user of command line interfaces and cluster environments
- Good understanding of statistical concepts and skills in an environment like R, familiarity with statistical learning and neural networks is a plus
- Experience with data generated in high-throughput molecular assays such as next-generation sequencing
- Proven ability to conduct independent research
- At least one first author paper in an international peer reviewed journal
- Interest in expanding knowledge and developing new approaches
- Strong interdisciplinary communication and English language skills

What we offer:

- Work on cutting-edge projects using state-of-the-art technology
- Access to BIH Core Facilities and computational resources
- Advanced training in computational biology and career development
- Collaboration with internal and external partners
- Full-time position (TVöD/Bund E13, pay grade conditional on prior qualifications and federal regulations) with an option to be part-time

Starting date: March 1st, 2017 or later; duration: Initially 2.5 years with option of further extension.

We actively promote equality of all employees. We therefore welcome applications from women and men, regardless of their cultural and social background, age, religion, belief, disability or sexual orientation. Applicants with a disability are given preferred consideration if equally qualified.

To apply, please email a cover letter, your CV (both in English), contact addresses of at least two professional referees, transcripts and certificates of your degrees, indicating **Application Kircher Group** to jobs@bihealth.de. Please submit your application as one file, maximum size 8 Mb. Deadline for applications: December 1st, 2016.

For enquiries about the position please contact Dr. Martin Kircher, e-mail: mkircher@uw.edu