BIOINFORMATICIAN / COMPUTATIONAL SCIENTIST (f/m)

We are looking to recruit an enthusiastic, highly motivated Bioinformatician to work in the Cardiovascular Genetics team of Prof. Dr. Silke Rickert-Sperling at the Charité – Universitätsmedizin Berlin on the Campus Berlin Buch, which is one of the largest biomedical centers in Germany.

The Sperling Lab focuses on understanding the molecular basis of cardiac dysfunction and cardiovascular disorders, in particular congenital heart diseases, which are most common birth defect in human. Our team combines molecular biology, bioinformatics and clinical knowledge in systems biology approaches to study cardiac development and muscle maturation in human. We investigate disease-associated genes and epigenetic modulators in the genomic, transcriptomic and proteomic context. Our long-term goal is to combine knowledge of molecular etiologies and mechanisms to improve preventive and therapeutic opportunities for patients with congenital heart diseases.

Your role will be embedded in the bioinformatics team of the Sperling lab. You will apply and improve bioinformatics and biostatistics approaches to analyze high-throughput sequencing data comprising a wide range of omics datasets.

We are seeking a bioinformatician who is capable of both implementing existing analysis methods, but also developing new approaches as required to enable high quality analysis of research data. The ideal candidate will be a team player with an in-depth understanding of computational methods for next-generation sequencing data processing and the usage of public data resources, with a good knowledge of existing tools.

You should hold a bachelor's or higher degree in computer science, computational biology or bioinformatics (relevant PhD is a plus, but not essential).

You will have:

- Relevant experience and skills in computational biology, bioinformatics, machine learning, or statistics
- Sound experience in processing and analysis of high-throughput sequencing data, experience with classification and machine learning methods or pathway mapping and analysis is a plus
- Proficiency in handling Unix/Linux, the statistics programming language R and scripting language (e.g., Bash, Perl, Python), experience with HPC environment is a plus
- Good written and verbal communication skills in English (German language skills are a plus, but not essential)
- Flexibility and ability to work effectively with others
- Ability and motivation to learn and explore new fields and horizons

Starting date of employment is as soon as possible and appointments are made for an initial period of two years with possibility of extension.

For further information please contact Marcel Grunert (marcel.grunert@charite.de or Tel. +49 30 450 540 153). Please, send a letter of application, your CV and any supporting documents, preferably as one PDF file, by e-mail to marcel.grunert@charite.de. All materials will be treated as confidential.

We are happy to discuss flexible work patterns if requested, job sharing or other solutions that enable strong candidates to work better. The Charité – Universitätsmedizin Berlin is an equal opportunity employer and supports gender equality.

May 23, 2017, Berlin