

The **Professorship for Systems Biology with focus on Genomics, Proteomics and Transcriptomics, Faculty of Biology and Chemistry**, invites applications for the full-time position of a

## Research Assistant

within the BMBF-funded project „*Bioinformatic Resource Centre for microbial Genomic Research in Biotechnology and Medicine*“. The position is to be filled at the earliest possible date on a fixed-term contract until 31.12.2021 with the possibility of extension if appropriate.

If conditions of employment are met, salary and benefits will be paid according to salary group 13 TV-H.

### Duties:

- At the Bioinformatics Core Facility (BCF) in Justus Liebig University you will be responsible for key tasks involved in the certification of a cloud computing infrastructure in close cooperation with the Chair for Systems Biology with focus on Genomics, Proteomics and Transcriptomics. On the basis of a joint catalogue of requirements and criteria for all de.NBI Cloud centres you will compile the necessary documents for the centre at Giessen and supervise the processes required to implement certification requirements. In addition, you will be responsible for the introduction of the relevant management systems.
- In close collaboration with the BCF staff you will also plan and monitor the implementation and provision of cloud-based services. You will jointly create a user-oriented repository of predominantly bioinformatics software tools including installation and function testing in OpenStack- and Kubernetes-based environments. Furthermore, you will participate in the maintenance of related comprehensive user documentation.
- In addition, specific project support with both data analysis and development of new software tools for the analysis and visualisation of high-throughput data is expected. Ideally, you will assist with the development of applications in a cloud computing environment and the adaptation of this platform to the specific bioinformatics requirements.

### Qualifications:

- A full university education in bioinformatics, informatics or other IT-based subject
- Wide experience in system administration, especially with Linux operating systems
- Strong ability to work independently and acquire expertise on formal issues and to present key points clearly
- Basic knowledge of the demands of certification processes in the IT field
- Experience with administration of infrastructure systems and relevant bioinformatics applications and their maintenance and installation
- Sound knowledge of network infrastructure
- Experience with the effective use of cloud computing platforms, such as OpenStack or Kubernetes
- Assured and demonstrable experience with at least one programming language, e.g. Perl, Java, Python
- Sound English language skills, both spoken and written
- Extremely good analytical and conceptual abilities, independence, sense of responsibility and results-oriented approach
- Willingness to familiarise yourself with new technologies
- Pronounced social competence, excellent communication and cooperation skills and a capacity for teamwork.

Justus Liebig University Giessen aims to employ more women in academic research. We therefore particularly encourage female candidates to apply. JLU is regarded as a family-friendly university. Applicants with children are very welcome.

Please send your application (no e-mails, please) with a CV and a documentation of your qualifications to: **Prof. Dr. Alexander Goesmann, Chair for Systems Biology, Heinrich-Buff-Ring 58, 35392 Giessen, Germany, quoting reference number 303/08**. Applications must be received by **May 21<sup>st</sup>, 2019** at the latest. Applications from disabled people of equal aptitude will be given preference. Please only submit copies of your application documents without document files or folders, as they cannot be returned after the application procedure has been completed.