Bioinformatics / Biostatistics Staff scientist
100%

Description
The Institute for Infectious Diseases (IFIK), University of Bern is seeking a highly qualified and experienced staff bioinformatician to perform routine genomic and metagenomic analyses of microbial pathogens of clinical importance, and biostatistical analyses of metadata. The new collaborator will be embedded in the Bioinformatics and Biostatistics group at IFIK.

We seek
A skilled researcher with dual competence in bioinformatics and biostatistics to A) perform and further develop routine bioinformatic data analysis (NGS data workflow, database curation, reporting), and B) provide statistical support for process validation and process automation in the accredited microbiology diagnostic department of the institute.

Essential qualifications include
- Postgraduate degree in bioinformatics or related field (MSc as minimal qualification)
- Relevant work experience in omics and NGS data analysis: amplicon sequencing, whole genome sequencing, metagenomics/transcriptomics
- Advanced use of statistical analysis including multivariate data analysis, power analysis calculations, machine learning algorithms applied to biological questions
- At least 2 years relevant work experience with Unix (Linux) systems, including installation and troubleshooting of software
- Advanced scripting skills (e.g., Python/Perl, bash, R/Bioconductor)
- Excellent communication, teamwork and organizational skills
- Spoken and written fluency in German and English

The following qualifications are advantageous
- Background in microbiology, diversity analysis, phylogenetics, phylogenomics, or related fields
- Experience in service-oriented research
- Experience in clinical or medical working environment
- Background in a mathematical/statistical field with further education in (micro)biology

We offer
The IFIK provides an international, collaborative atmosphere and a multidisciplinary approach to the entire spectrum of microbiology in diagnostics, research and teaching. Opportunities to be trained specifically on emerging technologies in bioinformatics will be offered as needed.

The salary will be based on the University of Bern’s system (salary and social insurance).
- Percentage of salary: 100%
- Starting date: April 2022
- Duration: permanent position
Information about the application

Applications until 28 February 2022 must include:
1. Curriculum Vitae, and publication list
2. Accompanying letter, listing how the abovementioned essential qualifications are met by the candidate.
3. Copy of Master/PhD degree certificates
4. Contact information of at least two referees (no need for reference letter at this stage)

For more information about the advertised position please contact PD Dr. Alban Ramette on 031 632 95 40 or by E-Mail: alban.ramette@ifik.unibe.ch.
Please send your application documents electronically to our Human resources, Noemi Torres (hr-ifik@ifik.unibe.ch) with the reference "KM-Bioinfo". Only complete applications will be considered and reviewed on an on-going basis.