The Department of Biotechnology, group "Bioinformatics" (AG Himmelbauer) is currently seeking a

Postdoctoral Research Associate
Bioinformatics / Computational Biology
Project employment
(Reference code: 68)

Extent of employment: 40 Hours per Week
Duration of employment: 01st of June 2018, limited to 31st of December 2019

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1 lit. b, € 3.711,10

We are a multidisciplinary team focusing on the genomics of crop plants; our labs are located at the BOKU Muthgasse campus well connected to the city centre of Vienna. In the past years, our research efforts included genomes of cultivated and wild beets (Dohm et al. Nature 2014) and related species. The group has contributed to the analysis of additional genomes such as common bean, bladderwort, and different insect species. We offer a friendly and supporting atmosphere, and state-of-the-art computing infrastructure (see http://seq.boku.ac.at).

We are looking forward to expanding our team by a dedicated and strongly motivated person with distinct interest in challenges of bioinformatics in the context of plant genome analysis. The position is embedded within the framework of "BeetSelect", a project aiming at the thorough characterization of the genomes of wild and cultivated beets based on whole-genome sequencing data.

Responsibilities

- Scientific research with focus on the genomics of sugar beet and its wild progenitor, the sea beet
- Characterization of the variation in cultivated and wild beets based on whole-genome sequencing data
- Identification of signatures of artificial or natural selection in the genomes, analysis of gene flow and transposable elements
- Data management in databases, presentation of results on websites
- Presentations and manuscripts for publication of the results

Required skills and qualifications

- PhD degree in bioinformatics or a related discipline
- Experience with the analysis and interpretation of large data sets, in particular high-throughput sequencing data from eukaryotic organisms
- Solid programming skills, demonstrated e.g. by development of sequence analysis tools
- Experience with working on high-performance Linux clusters; experience with databases and webservers
- Excellent communication skills in English (orally and in writing)
- Strong motivation, team spirit and interest in biological questions related to plant genetics an genomics

Applications can be submitted until: 23rd of May 2018

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

Please send your job application to Personnel department, University of Natural Resources and Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: kerstin.buchmueller@boku.ac.at. **(Reference code: 68)**

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at

universität des lebens