The Department of Biotechnology, group "Bioinformatics" is currently seeking a

Postgraduate Research Associate
Ph.D student / Bioinformatics / Computational Biology
Project employment
(Reference code: 92)

<u>Extent of employment:</u>   30 Hours per Week
<u>Duration of employment:</u>   15th of November 2016 to 14th of November 2019

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1, € 2.022,40

The group has successfully performed several projects using NGS technology. We have recently published the reference genome sequence and a gene set of sugar beet (Dohm et al., Nature, 2014; Minoche et al., Genome Biology, 2015), which will serve as the starting point of the candidate's project. We are a multidisciplinary team and offer work in a lively and friendly atmosphere, and state-of-the-art computing infrastructure. We are looking forward to expanding our team by a dedicated and strongly motivated person with a distinct interest in challenges of plant genomics. More information on the group's focus of interest is available at http://seq.boku.ac.at/.

Responsibilities

The successful candidate (f/m) will pursue a Ph.D. project related to the interpretation of plant genome data from next-generation sequencing (NGS) platforms within the FFG funded project "BeetSelect". In particular, the candidate will characterize the genome of sugar beet and its wild relative sea beet. Sequencing data from several hundreds of beets will be used to comprehensively chart the variation landscape of this species. Genes under natural or under artificial selection will be discovered, followed by interpretation of the findings in a biological context.

Required skills and qualifications

We are looking for a graduate student (f/m) with

- a Master's degree in bioinformatics or in a related field,
- solid programming skills (e.g. developing sequence analysis tools),
- experience with the analysis of NGS data sets,
- understanding of lab methods and
- knowledge of genomics/transcriptomics.

Applications can be submitted until: 25h of September 2016

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 (incl. letter of motivation, CV, summary of Master's thesis and contact details for two referees) 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: 92)**

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