

The department of Agrobiotechnology, IFA-Tulln, institute for Biotechnology in Plant Production is currently seeking for a

**Research Associate  
(FWF - project employment)**  
(Reference code: 80)

Extent of employment: 40 Hours per Week  
Duration of employment: 01.08.2011 – 28.02.2013 (prolongation possible)

**Duties and Responsibilities**

A full-time Research Associate position in biostatistics/bioinformatics/statistical genetics related to crop improvement is available in the Institute for Biotechnology in Plant Production.

The position is available for a duration of 1.5 years. Prolongation depends on availability of funding and performance. The Institute for Biotechnology in Plant Production seeks a full time research associate for projects in the context of the plant-pathogen interaction of wheat and *Fusarium graminearum*. We intend to strengthen our team of plant breeders and molecular biologists with a motivated researcher who will assist in the biometrical analysis of microarray and RNAseq data.

The successful candidate will significantly contribute to the statistical analysis of wheat RNA-seq (Illumina) data and a microarray (Agilent) eQTL analysis and mapping. We use an external partner for RNAseq data acquisition, assembly and mapping to EST, however, we want to strengthen our inhouse expertise in these fields, to act with more flexibility and accuracy to answer biological questions. You will be required to translate between different fields of science and assist biologists in interpreting and processing data for publication, reports or presentation.

**Minimum of Qualification**

The successful candidate should be experienced in working with biostatistical software, especially R/bioconductor and other R applications or other software useful for biostatistics/statistical genetics/QTL mapping. We currently hold a Genespring-licence-proficiency therein is therefore beneficial. You need to be familiar with commonly used bioinformatics software and have programming skills in a scripting language, preferably Perl. A biological background for instance in plant-pathogen interaction and/or cereal breeding is of advantage.

Applicants should have a masters or doctoral degree in plant genetics/genomics, bioinformatics/statistics, statistical genetics, computational biology or a related discipline.

**Further Qualifications**

Knowledge in statistical genetics is of advantage.

Date of publication: 30.06.2011  
Closing date for applications: 21.07.2011

**Additional information:**

Salary is in accordance with the general university collective agreement for a full time research associate position. For additional information, please contact: Prof. Hermann Bürstmayr, E-Mail: [hermann.buerstmayr@boku.ac.at](mailto:hermann.buerstmayr@boku.ac.at).

University of Natural Resources and Life Sciences Vienna intends to increase the proportion of its female personnel. Qualified women are therefore explicitly invited to submit applications. In the case of equal qualifications, women will be given preferential consideration for employment unless reasons specific to an individual male candidate tilt the balance in his favour.

Please send your job application to the department of human resources at the University of Natural Resources and Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: [kerstin.buchmueller@boku.ac.at](mailto:kerstin.buchmueller@boku.ac.at). (**reference code: 80**)

We don't refund travel costs to the job candidates.

**[www.boku.ac.at](http://www.boku.ac.at)**

**Vice rector of strategic development:**  
Univ.Doz. DI Dr. Georg Haberhauer, MBA