



invites applications for a
Professorship in

Bioinformatics

The University of Natural Resources and Life Sciences, Vienna, invites applications for a tenured professorship in „Bioinformatics“. This position is assigned to the Department of Biotechnology.

The research and teaching is focused on the establishment of improved quantitative experimental assays and the development of modern computational methods such as hierarchical probabilistic models or integration of heterogeneous data sources for the characterization and exploration of complex systems in living organism.

The research focus of the professorship should be in one of the following areas (in alphabetical order): Biodiversity Research of cell systems and plants, Functional Genomics and Proteomics (including Glycoproteomics), Genome Assembly and Annotation, Modeling and Analysis of datasets derived from Bioprocess Engineering, Molecular Phylogenetics, Structural Bioinformatics and Structure Prediction, Systems Biology.

The professorship is expected to further strengthen and interconnect existing competencies at the University of Natural Resources and Life Sciences, Vienna, in the fields of Bioprocess Engineering, Cell Factories, Genetics and Genomics, Cell- and Molecular Biology, as well as Structure and Function of Proteins. Furthermore, the professorship should contribute to the intensification between the University of Natural Resources and Life Sciences, Vienna, and other relevant research institutions in the Vienna area.

Teaching duties involve:

- lectures and practicals for Bachelor students of „Biotechnology and Food Technology“, Masterstudents of „Biotechnology“, Masterstudents of „Food Sciences and Food Technology“, as well as for PhD students,
 - teaching in Bioinformatics, in particular in the core area „Bioinformatics“ within the Master curriculum „Biotechnology“,
 - supervising bachelor and master theses,
 - supervising and mentoring doctoral dissertations,
 - organizing and mentoring seminar papers,
- as well, the active participation in the development of curricula is expected, notably in questions of adequate positioning of the research field.

Prerequisites required for successful candidates are:

- *venia docendi* (Habilitation) or an equivalent scientific qualification,
- above-average experience in the acquisition and management of competitive research projects,
- publications in high-ranking international scientific journals,
- teaching skills and proven teaching experience – including mentoring young scientists,
- ability for cooperative teaching and research (also on an international level), as well as for interdisciplinary dialogues among natural sciences and related disciplines,
- management competence and leadership qualities, communication and team skills, aptitude for the handling of public relations,
- willingness to participate in all activities started to further the development of the department and the university, willingness to assume academic responsibilities,
- willingness to act as a member of national and international scientific advisory boards and institutions.

Applications in English (six copies) should be sent to the Rector of the University of Natural Resources and Life Sciences Vienna, Peter-Jordan-Straße 70, 1190 Wien, Austria, no later than **31st May 2013** (date of postmark).

The application should include:

- a curriculum vitae with a detailed account of professional, teaching and research activities,
- a list of publications (refereed and non-refereed), talks and projects,
- copies of five recent publications considered particularly representative,
- a broad concept for research and teaching describing the envisaged focus,
- a brief analysis (max. 1 page) of why you think you are particularly qualified for this position.

By applying, you imply your consent to co-operation with a personnel consultancy within the framework of the selection procedure.

The University of Natural Resources and Life Sciences, Vienna, strives to increase the proportion of women in its employment and particularly invites qualified women to apply. In the case of equal qualification and in the absence of any other outweighing factors, female candidates will be preferred.

Regarding to the collective agreement for employees of universities the position is classified as A1. The gross salary is subject to negotiation, with a minimum of 4.571,20 Euro (14 times per annum).

Further information regarding this position and the university is available at:

www.boku.ac.at/professuren-ausschreibungen.html

www.biotec.boku.ac.at/133.html

karola.vorauer-uhl@boku.ac.at

The Rector
Univ.-Prof. Dipl.-Ing. Dr.nat.techn. Dr.h.c.mult. Martin H. Gerzabek