



BIOTEKNIKAN KESKUS
BIOTEKNIKCENTRUM
CENTRE FOR BIOTECHNOLOGY



UNIVERSITY OF TURKU

ÅBO AKADEMI
UNIVERSITY

Postdoctoral researcher at Bioinformatics Unit, Turku Centre for Biotechnology

A position for a postdoctoral researcher working in the Computational Biomedicine group at the Bioinformatics Unit, Turku Centre for Biotechnology is open for applications for a three-year period starting from 1.6.2017. The starting date is negotiable. We are looking for a highly creative and motivated senior researcher with [wide experience in analyzing omics data](#).

Turku Centre for Biotechnology (www.btk.fi) is a joint department of University of Turku (www.utu.fi) and Åbo Akademi University, providing high-end technologies and expertise to academic and industrial researchers and a stimulating multidisciplinary and international research environment. The Bioinformatics Unit and the Computational Biomedicine Group of Dr. Laura Elo (www.btk.fi/research/research-groups/elo) develops computational data analysis tools and mathematical models for biomedical research, with the eventual goal of improving the diagnosis, prognosis and treatment of complex diseases, such as diabetes, cardiovascular diseases and cancer. A specific focus is on analyzing and interpreting data generated by modern high-throughput biotechnologies, such as deep sequencing and mass-spectrometry proteomics.

The postdoctoral researcher will work in a [multidisciplinary team](#) with backgrounds in mathematics, statistics, computer science, bioinformatics, biology and medicine, ensuring that there are competent additional personnel to assist in the projects as needed. The postdoctoral researcher has [the opportunity to target the research according to his/her own research interests](#) within the projects running at the Bioinformatics Unit and to [lead a small team](#) within the Unit. All necessary IT infrastructures, data storage, and software tools are already running and available at the Unit.

The salary is in accordance with the universities salary system (for teaching and research personnel) level 5-6 where the work specific salary component is 2865.30-3340.77€/month. In addition, there is a share increase based on personal performance, which is at most 46.3% of the base salary. There is a trial period of four months.

Qualifications

We are looking for a highly motivated scientist with strong expertise and proven track record in data analysis of at least one of the following areas: [miRNA analysis](#), [splicing analysis](#), [human whole genome sequencing](#), [single cell analysis](#), [data independent acquisition proteomics](#). We will consider candidates with outstanding potential and established excellence in research, proven by scientific publications in high impact international journals as a main author. Particular attention is paid to publications within the past three years and success in research funding applications. The candidate should hold a PhD degree. An optimal candidate has international research experience and experience in supervision of students. Good communication skills in English, both oral and written, are essential.

Application

The applications for the position should be submitted at the latest on April 13, 2017 using the electronic system. The application should include a motivation letter, CV, list of publications, contact information for 2-3 referees, and copies of relevant degree certificates. A link to the electronic application system can be found at www.utu.fi/careers. For further information please contact Mirikka Ruotsalainen, mirkka.ruotsalainen@utu.fi or +358 (0)2 333 8313. Enquiries concerning the application procedure may be directed to coordinator Ulla Karhunen, ulla.karhunen@utu.fi or +358 (0)2 333 8042.



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