



**Research Programs Unit
Faculty of Medicine
University of Helsinki**

Research Programs Unit of the Faculty of Medicine is a top-quality research environment at the University of Helsinki, a leading European university with a strong life science research, and cancer research in particular. The unit is located in Biomedicum Helsinki close to the Helsinki University Central Hospital, and it provides state-of-the-art core facilities for genomics, proteomics, imaging, and bioinformatics.

PhD candidate and post-doctoral fellow (or bioinformatician/computational biologist) in the field of functional genomics (starting early 2019)

We are seeking a highly motivated and talented individual for working in the field of functional epigenomics. The focus of the lab is to investigate the interplay between transcription factors and oncogenes using modern genome-wide methods for regulatory genomic features and chromatin architecture. The group belongs to the Applied Tumor Genomics Program (starting from 2019) in the Research Programs Unit of the Faculty of Medicine in University of Helsinki providing an excellent research environment with strong focus on cancer research.

We offer a position in a young, multi-disciplinary and teamwork-oriented group that will be comprised of both computational and wet-lab scientists. The ideal candidates will be involved in generation and analysis of functional genomics datasets from next-generation sequencing methods such as ATAC-seq, Hi-C, ChIP-seq, as well as CRISPR-based approaches.

- For post-doctoral fellows, the candidate should have a PhD degree in computational biology, bioinformatics or other fields with strong background in programming languages. Demonstrated skill and prior experience in the analysis of high-throughput omics datasets is required and candidates with proven track record in terms of publications will be given preference.
- For PhD students, the candidate should have a Master's degree in any field of life sciences, other translational programs or quantitative sciences with a particular interest in molecular biology and functional genomics. A good understanding of biochemistry, genomics experiments and bioinformatics is expected. Prior experience in generating experimental omics datasets is an asset but not a requirement.

With English as a working language, excellent oral and written communication skills are required. Salaries are based on the salary system for Finnish universities (YPJ). Details on the project and other informal queries are very welcome and should be sent to biswajyoti.sahu@helsinki.fi. Applications will be considered on a rolling basis till a suitable candidate is found.

Applications should be in form of a single-pdf containing a one-page cover letter describing your research goals, interest and motivation together with recent curriculum vitae (CV) including publications. In addition, two-three reference letters with their contact details must be sent to: biswajyoti.sahu@helsinki.fi