

INVITATION FOR APPLICATIONS



HiLIFE UNIT



FIMM is part of the Nordic EMBL Partnership for Molecular Medicine, composed of the European Molecular Biology Laboratory (EMBL) and the centres for molecular medicine in Norway, Sweden and Denmark. At the national level, FIMM was founded in 2007 as a joint research institute of the University of Helsinki (primary host), the Hospital District of Helsinki and Uusimaa, the National Institute for Health and Welfare, and VTT Technical Research Centre of Finland. In the beginning of 2017 FIMM joined the University of Helsinki's new life science research centre, Helsinki Institute of Life Science HiLIFE, as an operational unit.

FIMM is currently seeking an

BIOINFORMATICIAN (SEQUENCING DATA MANAGER)

Job description:

FIMM is the leading genetics and genomics research unit in Finland. We are managing petabytes of human genetic and health data and these datasets will likely increase tenfold in the forthcoming years. We're daily collaborating with top researchers and research institutes in the world and international health-care companies to improve health and well-being on a global scale.

We are looking for a meticulous bioinformatician to look after our data repository of whole-genome human sequence data as a part of our bioinformatics team. The work includes managing various sequencing data collections, performing data retrieval and pre-processing for research groups, and developing tools and practices for sequencing data management as a part of [Nordic Information for Action eScience Center \(NIASC\)](#) and [SISu Project](#).

The primary responsibilities of the position include:

- Managing large genomic data repositories (WGS, WES, genotyping chip data)
- Pre-processing and quality control (QC) of sequencing variant (VCF) and chip data
- Support research projects by preparing and delivering datasets on time
- Evaluate new methods and solutions to manipulate sequencing data efficiently in distributed computing environments with a focus on data protection

Qualification and experience:

- Master's degree (or soon graduating) in bioinformatics, computational biology, molecular biology, computer sciences, or equivalent
- Capability to work effortlessly in Unix environment, intermediate programming skills
- Previous experience with 2nd generation sequencing data, data science, distributed computing environments is highly valued – yet ability to learn new is essential
- Solution-seeking, proactive and responsible way of working and keeping deadlines under pressure
- Proficiency in oral and written English, our team is international

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NORDIC EMBL
PARTNERSHIP FOR
MOLECULAR MEDICINE

EMBL



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We offer a great opportunity to be part of leading big data projects working in the forefront of the new wave of big data application for genome health in the field of genomics and building solutions with a real positive impact on healthcare and well-being. We are a young, vibrant and highly motivated international team. Our friendly, flexible, and supportive working culture make us a great place to work at.



Salary and contract:

We will offer a competitive salary that will be based on previous qualifications, experience and performance in the position according to University pay-scale. The contract will be offered until the end of 2019, and may be extended.

To apply, please submit the application, together with your CV and a cover letter in PDF format with salary request, through the [University of Helsinki electronic recruitment system](#) by clicking on Apply for job. Internal applicants (i.e., current employees of the University of Helsinki) please submit your applications through the SAP HR portal. Please apply no later than May 5th, 2017.

For further information please visit our website at <http://www.fimm.fi> and/or contact professor Aarno Palotie, aarno.palotie@helsinki.fi or project coordinator Sari Kivikko, sari.kivikko@helsinki.fi (+358 40 567 0826).

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