



# FinnDiane

FinnDiane Study Group  
Folkhälsan Institute of Genetics  
Folkhälsan Research Center

30.1.2018

## **PhD position on genetics and bioinformatics at Folkhälsan Research Center at Biomedicum Helsinki**

We are searching for a PhD student to pursue bioinformatic and genetic research in our multi-disciplinary research group including biologists, nutritionists, medical doctors and bioinformaticians. Finnish Diabetic Nephropathy (FinnDiane) study is one of the World's largest study on type 1 diabetes and its long term complications including kidney disease, retinopathy, and cardiovascular disease. Our main aim is to identify the genetic and environmental risk factors for diabetic complications, and eventually, to improve the quality of life of the individuals with diabetes ([www.finndiane.fi](http://www.finndiane.fi)).

We offer inspiring and multidisciplinary working environment, cutting edge research projects as a part of international research collaboration, and support for your work and career development.

Specific projects that we offer are related to:

- Genome-wide association studies on diabetic complications
- Whole exome and whole genome sequencing analysis
- Analysis of high-throughput biomarkers
- Bioinformatic integration of genetic, clinical and biomarker data

We are looking for an enthusiastic, independent, collaborative student with attention to detail and eager to learn new things. Desired skills and experience include:

- Suitable higher university degree (Master's degree on bioinformatics, computational genetics, or similar)
- Strong knowledge on statistics, bioinformatics and genetics
- experience on unix computing environment
- experience on statistical programming (e.g. with R, python)
- fluent English language proficiency with good writing and presenting skills

The position is located in Helsinki Biomedicum in Meilahti. The doctoral thesis will be pursued at the University of Helsinki with PhD Niina Sandholm and Professor Per-Henrik Groop as thesis supervisors. Applications should be sent by email to [niina.sandholm@helsinki.fi](mailto:niina.sandholm@helsinki.fi) at latest by February 18<sup>th</sup>. Please, include letter of motivation, your CV, transcript of records, and contact information of reference(s). For more information on the position, please contact Niina Sandholm, [niina.sandholm@helsinki.fi](mailto:niina.sandholm@helsinki.fi), or tel. +358 50 448 7597.