

# PhD Position in Genomics and Bioinformatics

*Functional Genomics Group, Institute of Genomics, Estonian Genome Center, University of Tartu*



The Functional Genomics Group at the Institute of Genomics, Estonian Genome Center, University of Tartu, invites applications for a PhD position in genomics and bioinformatics. The project aims to improve the prediction of common diseases by integrating genetic, multi-omics, and health record data.

The doctoral student will focus on the application, implementation, and further development of statistical, machine learning, and artificial intelligence methods, as well as the analysis of large-scale genomic and health data. The successful candidate will work in an interdisciplinary research environment and participate in international research collaborations.

## Candidate profile:

- MSc degree in statistics, computer science, bioinformatics, or a related field
- Strong background in statistics and commonly used machine learning methods
- Proficiency in analytical programming languages such as **R and/or Python**
- Good written and oral communication skills in **English**

## Additional assets (not mandatory):

- Experience with **UNIX command-line tools**
- Familiarity with **high-performance computing environments** (HPC and/or AWS/Google Cloud)
- Experience in the analysis of **health or biological data**

## Application should contain:

- A motivation letter
- A CV
- Academic transcripts



**Expected start date:** September 2026

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