

# PhD Position in Genomics

[The Psychiatric Genomics Group](#), Institute of Genomics, Estonian Genome Center, University of Tartu, Estonia



We invite applications for a PhD position in psychiatric genomics. This PhD project is part of the European Research Council-funded Starting grant project AT-TENSION on identifying causal mechanisms of attention deficit and hyperactivity disorder (ADHD) features in adults.

The PhD candidate will focus on systematic mapping the role of environmental factors (i.e. childhood adversity, life stress, sleep problems, substance use, screen use, COVID-19 infection severity) in adult ADHD features and disentangling familial and genetic confounding by using advanced genomics-informed analytical approaches, such as polygenic scores and the parent-child trio design. The successful PhD candidate will have access to the unique and data-rich Estonian Biobank dataset (N=211,000) with decades of electronic health records, health questionnaires and omics layers, work in a stimulating interdisciplinary research environment and participate in international collaborations.

## Candidate profile:

- Master's degree in statistics, computer science, bioinformatics, epidemiology, psychology, neuroscience or a related field
- Strong skills in statistics
- Proficiency in analytical programming languages such as **R**
- Good written and oral communication skills in **English**

## Additional assets (not mandatory):

- Experience in the analysis of **health or genomic data**
- Knowledge of **psychiatric** risk and resilience factors
- Experience with causal inference

**Interested in applying? Please fill out [THIS FORM](#)**

**Expected start date:** September 2026

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