The Department of Forest Genetics and Forest Tree Breeding at the Georg-August-University of Göttingen is offering a position for a

**Research Scientist (Postdoc)**  
- Salary is E13 TV-L (100%)

The position is limited to 36 months. The earliest starting date will be 01.06.2020.

The successful candidate will work in the Federal Ministry of Education and Research-funded project: “Bioeconomy in the North: TreeGeneClimate: Sustainable wood and biomass production: Novel property traits, resilience to climate change, pest and diseases”. We will closely cooperate with the Forest Pathology Research group at the Faculty of Forest Sciences and Ecology.

**Your tasks**

- Exome sequencing in *Picea abies* using target enrichment probes
- Genome-wide association analyses (GWAS) for the identification of genes for wood properties, decay resistance, growth, and resistance against *Heterobasidion* sp.
- Genomic selection for phenotype prediction
- Bioinformatic and genetic analyses
- Publication of results in peer-reviewed journals
- Assistance with the organization and coordination of the project

**Your profile**

- PhD or Master’s degree in biology, agricultural sciences, forest sciences or related disciplines
- High motivation and enthusiasm
- Sound knowledge and understanding of molecular breeding methods
- Experience and profound knowledge in statistics, quantitative genetics and data analysis
- Excellent English language skills
- Very good publication record (dependent on the career stage)
- Very good written and oral communication skills
- Ability to work in a team

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

Applications should be sent to:

**Georg-August-Universität Göttingen, Abt. für Forstgenetik und Forstpflanzenzüchtung, Büsgenweg 2, 37077 Göttingen, forstgen@gwdg.de.**

Contact: Prof. Dr. Oliver Gailing,  
Phone: 0551 39 33536, E-Mail: ogailin@gwdg