

Doctoral / Ph.D. Student (f/m/d)

A DFG-funded PhD-position (3 years/TV-L 13, 65 %) is available in the lab of Vera Terblanche Hunnekuhl at the University of Göttingen (Germany). The project aims to investigate the role of a candidate transcription factor in the development and regulation of the insect neuroendocrine system and in female fertility. Using *Tribolium castaneum* as a model the post holder will generate reporter and mutant lines using CRISPR-Cas9 and will analyse the target gene set of the transcription factor using the genome wide approaches of mRNA-sequencing and CUT & RUN. The project is in collaboration with the Kittelmann lab at the Centre for Functional Genomics at Oxford Brookes University (UK).

Candidate profile:

- an MSc or equivalent degree in Biology/ Life Sciences or a related discipline
- a strong interest in Evo-Devo, insect biology and in nervous/neuroendocrine system development and function
- previous experience with molecular biology techniques, tissue dissections, stainings and microscopy
- and/or previous experience with the bioinformatic analysis of sequencing data sets
- English language fluency

The student will benefit from a collaborative environment and from excellent training opportunities offered by the University of Göttingen. The student will also have the possibility to join training events of the DFG-funded Gönomic graduate school at Göttingen Campus.

Application deadline: 10.03.2026.

Contact:

Vera Terblanche Hunnekuhl

vera.terblanche@uni-goettingen.de

Georg-August-University Göttingen

Caspari Haus / GZMB

Dpt. of Evolutionary Developmental Genetics

Justus von Liebig Weg 11

37077 Göttingen / Germany