

The **University Medical Center Göttingen – Department of Neurology** and the **Institute for Neuroimmunology and Multiple Sclerosis Research** are looking for a

PhD Student (f/m/d) Starting date: 01.01.2026

Background:

The topic of the PhD thesis is in the field of Parkinson's disease. This disease is characterized by the aggregation of α -synuclein, leading to progressive degeneration of dopaminergic neurons. Evidence points towards immune processes contributing to the pathophysiology. The focus of the PhD project on offer is to dissect these immunological processes and to investigate their functional significance for progressive neurodegeneration. This PhD is a translational project in the cross-sectional field of Neuroimmunology and Neurodegeneration involving the Departments of Neurology and Neuroimmunology of the University Medical Center Göttingen.

We offer a fully funded PhD position for a highly motivated candidate with a background in Immunology/Molecular Biology/Neuroscience.

Your role:

- Conduct original research on the project, including experimental design, data collection and analysis, in both independent and collaborative manner
- Characterize blood samples from both patients and controls
- Apply research techniques in the field of Immunology and Neuroscience such as cell culture, flow cytometry, immunoassays, quantitative PCR and microscopy
- Investigate the potential use of experimental models of Parkinson's disease
- Participate in different method and soft-skill courses offered by the PhD programs of the University
- Present your progress in regular lab meetings, thesis advisory committee meetings, scientific meetings and research conferences
- Supervise and support bachelor's and master's students, thereby acquiring teaching and mentoring skills

Requirements:


- Master's degree (or equivalent) in Biomedical Sciences, Biology, Natural Sciences, or a related field.
- Strong interest and profound scientific background in Immunology/Molecular Biology/Neuroscience
- Excellent communication skills in English and ability to work in a team.

We offer:

- Fixed termed position for 3 years, salary in accordance to the German Public Sector Collective Agreement
- Excellent scientific and technical infrastructure
- An international and highly motivated working environment with colleagues at different stages of their academic career in a laboratory with long-term experience in Neuroscience and Neuroimmunology
- A wide range of interesting benefits as an UMG employee (including in-house daycare center, child vacation care, attractive infrastructure; health and sports promoted by excellent company health management)

- The UMG is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals
- We further strive for gender and diversity equality. We welcome applications from all backgrounds

- Göttingen is an international student city located in the center of Germany, where besides the University and University Medical Center a number of renowned institutes such as the Max Planck Institute for Multidisciplinary Sciences are located, providing a stimulating collaborative environment.

 Apply now: Send your CV, cover letter, and references preferably via e-mail and as a single PDF to:

Contact:

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We look forward to receiving your application!