12 PhD positions (TV-L E13, 65%, 3+1 years) in the RTG2978 at the University Medical Center Göttingen or Hannover Medical School, Germany

The Research Training Group (RTG) 2978 is a newly founded DFG-funded interdisciplinary Research and Training Consortium jointly established by the University Medical Center Göttingen and the Hannover Medical School under the roof of the Comprehensive Cancer Center Lower Saxony (CCC-N).

The RTG 2978 mission is to understand and exploit therapy-induced adaptation processes in gastrointestinal (GI) cancer in order to develop novel therapeutic strategies to combat colorectal-, liver-, biliary tract and pancreatic cancer. In their doctoral research projects, trainees will combine translational research with in-depth mechanistic studies in relevant pre-clinical GI cancer models and collaborate across scientific disciplines in two leading centers for medical research in Germany. An innovative qualification program, tailored to the scientific and methodological spectrum of the research projects, supports RTG trainees in their individual academic career development.

The University Medical Center Göttingen and Hannover Medical School are the two largest university hospitals in Lower Saxony. They offer supramaximal care and are at the forefront of cutting-edge medical research and technology. Their research is supported by both hospitals being embedded in a strong environment of other research facilities, including Max-Planck-Institutes and the Helmholtz Centre for Infection Research.

Your Tasks

- Design and perform experimental approaches spanning mechanistic to translational studies in relevant model systems, including in-vivo, in-vitro, and in-silico settings
- Participation in an interdisciplinary and interprofessional qualification program tailored to the scientific focus of the RTG and organized by RTG PIs and the established graduate schools Hannover Biomedical Research School and Göttingen Graduate Center for Neurosciences, Biophysics, and Molecular Biosciences
- Report, summarize, share and analyze data, integrate experimental results with clinical findings, bridging clinical and pre-clinical research
- Present your progress in regular thesis advisory committee meetings, scientific meetings and research conferences
- Contribute to joint scientific publications
- Supervise Medical students in the experimental part of their thesis work from the third PhD year onwards

Your Qualifications

- Minimum requirement: Master's Degree in Biomedical Sciences, Biology, Biochemistry, Data Sciences, or Bioinformatics or equivalent from an accredited institution
- Previous experience in relevant research methodology and technology and basic knowledge in gastrointestinal cancer model systems appreciated
- Advanced English Proficiency (C1 or equivalent) expected
- Collaborative mindset
- Proficiency in common tools for data analysis, state-of-the-art data procurement and reporting, and bioinformatics
- Willingness to work in an interdisciplinary and collaborative research team and to actively participate in the RTG´s qualification program

We offer

- A research- and qualification program tailored to the RTG´s scientific mission on therapy-induced adaptation processes in GI cancer
- Working with a highly engaged and interdisciplinary team of renowned scientists in the field in two excellent research institutions
- Highly collaborative research environment with excellent scientific networking possibilities
- State-of-the-art research infrastructure
- Attractive employee compensation and benefit package according to the standards of the German public sector
- Structured and multi-layered supervision by a thesis advisory committee, external advisory board
- A comprehensive career development support program
- Personal mentoring program
- Voluntary international 4-12 weeks lab rotations

To apply, please visit https://grk2978.uni-goettingen.de/public

Deadline for Applications is April 20, 2025, 23:59 CEST

There will be an info event on April 1, 14:00 CEST. To participate, please register at grk2978@med.uni-goettingen.de

For questions, please contact grk2978@med.uni-goettingen.de

We look forward to your application!