

The Clinic for cardiology and pneumology,  
University Medical Center Göttingen, is seeking a

# Postdoctoral Researcher (f/m)

for the project "The role of lncRNAs in the transition to heart failure"

limited to 2 years, full-time | salary according to TV-L

## About us

The University Medical Center Göttingen is a tertiary care center and offers great development potential. Its 7,400 employees work in over 65 departments and facilities to provide top-quality patient care, excellent research and modern teaching. Göttingen, "City of Science", located near the center of Germany, the University Medical Center Göttingen is embedded in the city's attractive network of scientific research facilities.

The molecular regulation underlying the pathogenesis of human heart failure is poorly understood. Only recently, lncRNAs emerged as key regulators in cardiac remodeling and pathophysiology. Thus, lincRNAs possess a great therapeutic potential for the treatment of heart failure. By combining iPSC technology with CRISPR/Cas9 genome editing and AAV mediated gene transfer, we aim to deeply investigate the role of lncRNAs in the transition of human heart failure on molecular, omics-based as well as on functional and pharmacological level in order to identify novel pathophysiological mechanisms.

We are looking for a highly motivated Postdoc candidate with background in stem cell biology / cardiovascular medicine and experiences in molecular biology, mammalian cell culture, CRISPR/Cas9 technology and AAV mediated gene transfer. The successful candidate is expected to hold a PhD degree in disciplines or fields related to biology, pharmacology or biochemistry and to have a strong interest in stem cell research in order to address interdisciplinary questions in regenerative medicine. English skills (fluent in spoken and written) is required, German knowledge is not a prerequisite but advantageous.

Interested applicants should submit:

- A personal motivation letter
- An Abstract of the PhD thesis
- The PhD certificate (or equivalent)
- Transcript of records
- Curriculum Vitae
- At least two recommendation letters or the name of three referees

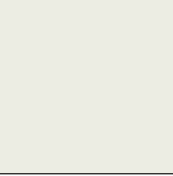
We offer an exciting and biomedically relevant research project, a creative and stimulating scientific environment with access to a broad spectrum of high-end technology and opportunities for extensive interdisciplinary collaborations.

Women are especially encouraged to apply. Applicants with disabilities and equal qualifications will be given preferential treatment.

We look forward to receiving your application by September 15th, 2017:

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Clinic for Cardiology and Pneumology  
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Travel and application fees cannot be refunded or transferred.



Please send your application only via e-mail as a PDF-file.