

Looking for new opportunities?

As one of the largest employers in the region, the University Medicine Greifswald offers an attractive work environment for numerous professional groups.

We are looking for you!

The University Medicine Greifswald fulfills the tasks of the medical faculty in research and teaching as part of the University Greifswald and in cooperation with the other faculties. With 21 clinics/polyclinics, 19 institutes and further central facilities the University Medicine Greifswald performs its duties as maximum care hospital.

The group of Prof. Dr. med. Jens Fielitz (German Center for Cardiovascular Research (DZHK)) at the University Medicine Greifswald - public corporation - is recruiting a scientist for a full-time postdoctoral position. The position is available for an initial period of three years with possible extension. The employment is intended to start in August 2022 or upon agreement.

Postdoctoral fellow in Molecular Cardiology (m/f/d)

Full-time

fixed term contract up to 3 years with the option for subsequent renewal

The limitation of the contract is based on the Science Contract Act ("Wissenschaftszeitvertragsgesetz").

The prevalence of acute and chronic heart failure is dramatically increasing worldwide. The Department of Molecular Cardiology studies the mechanisms of heart failure, cardiac cachexia, and inflammation-induced end-organ damage in a variety of animal and cell culture models. In this DFG-funded project, we investigate signal transduction and ubiquitin proteasome-mediated protein degradation in heart failure and its long-term sequelae. We are seeking an experienced and highly motivated scientist, who will be responsible for the hands-on performance and supervision of mechanistical studies in established cell culture systems as well as small animal surgery procedures and phenotyping.

Your tasks:

- You will design and perform mechanistical studies to elucidate signaling pathways involved in heart failure. You will use state-of-the-art techniques, such as cell culture, transfection, Western blot, qRT-PCR, immunohistochemistry, immunocytochemistry, confocal and fluorescent microscopy as well as gene editing (e.g., CRISPR/Cas9, mutagenesis) to independently manage your research projects (all methods are established in the lab).
- Phenotyping animal models of cardiovascular disease including echocardiography with high quality standards (established in the lab).
- Supervision and training of Bachelor-/Master and doctoral students (MD and PhD).
- You will prepare manuscripts and grant proposals (e.g., DFG, DZHK).
- You are expected to publish in peer-reviewed journals.
- You will support the academic self-administration of the group, and communicate with authorities and collaborators.

Our requirements:

- We expect a highly motivated and independently working candidate with a good publication track record and willingness to participate in supervision of early career scientists.
- You hold a University Degree (PhD or MD/PhD or equivalent) in biochemistry, cell biology, molecular biology, veterinarian medicine or in a related biomedical discipline.
- You have a strong background and profound experience in Molecular Biology, Biochemistry or Pharmacy.
- Advanced knowledge and experimental skills in state-of-the-art techniques is mandatory. Experience in immunocytochemistry, confocal and fluorescent microscopy is of advantage.
- You work reliably and proactively, and you have a high level of commitment, flexibility and strong sense of responsibility.
- You have excellent problem solving and troubleshooting skills, and are able to organize, plan and prioritize tasks or projects.
- You have excellent communication, organizational and presentation skills.
- Willingness to further your own scientific qualification is expected.
- You should be able to communicate well in English and/or German.

What we offer:

- You will be part in a well-funded project.
- As part of the DZHK, we offer tailored training to all researchers in the network, a framework of common scientific activities and mentorship.
- An excellent scientific infrastructure and state-of-the-art methodologies.
- You will find a highly motivated and open communicating team.
- To work independently and team-oriented in a friendly atmosphere.
- To promote your personal and professional development.
- The salary scale is according to the tariff TV-L. If you meet the collective bargaining requirements, you will be assigned to salary group E 13
- Employer-funded pension.
- The Hanseatic city of Greifswald is an innovative university town on the Baltic coast with a high level of leisure and recreational value and a wide range of educational opportunities.
- To support compatibility of family and career the UMG offers support in the search for child care or apartments through the service office "Familienbüro".

For further questions regarding the position and the application please contact Prof. Fielitz E-Mail: jens.fielitz@uni-greifswald.de.

Please submit your application with your CV, certificates, references and a letter of motivation, quoting the **reference number 22/Sc/36_032** by E-Mail until **03.07.2022** to:

E-Mail: jobs.unimedizin@med.uni-greifswald.de

At the University Medicine Greifswald, we wish to promote careers of women in areas in which they are underrepresented. Therefore, we encourage female candidates to send us their applications. In the case of equal qualifications, female applicants will be given preferential consideration. Our jobs are also suitable for part-time employment. If according applications are received it will be examined whether the extent of part-time wishes is applicable in the context of the required profile. Severely disabled applicants with equal aptitude will be given preferential consideration. Application costs and expenses occurred as a result of the interview cannot be compensated.

