The Cluster of Excellence „MULTISCALE BIOIMAGING“ (MBExC) invites applications for a

**Clinician Scientist position (f/m/d)**

position available for 1 year, full-time position (38.5h /week) | collective agreement

**About us**

The University Medical Center Göttingen is a tertiary care center and offers great development potential. Its 7,900 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.

We are looking for an excellent and highly motivated clinician with an interest in neuro and cardiac research to join one of the interdisciplinary research areas of our Cluster of Excellence "Multiscale Bioimaging: from Molecular Machines to Networks of Excitable Cells" (MBExC) as part of a research rotation. The successful applicant will become a member of the new Hertha Spohn College and, further, can be associated with clinician-scientist programs of the University Medical Center Goettingen.

MBExC is a research center of the University of Goettingen and the University Medical Center Goettingen and pursues a novel research approach linking photonics, molecular biosciences, neuroscience and cardiovascular research.
The goal of the MBExC is to decipher disease-relevant nanoscale functional units in neurons, sensory cells and cardiomyocytes and to develop innovative therapeutic strategies for disorders affecting the heart, the brain, or both. By a multiscale approach the MBExC will uncover fundamental biological principles at increasing levels of complexity from molecular, nanoscale to network and organ levels. The MBExC research program covers gene expression and regulation, protein assembly and targeting, Ca²⁺ signaling and Ca²⁺ triggered membrane fusion as well as the development of innovative research techniques.

The MBExC relies on a close interdisciplinary collaboration between the University Medical Center Goettingen the faculties of Chemistry, Physics, Mathematics and Biology of the University and the non-university research institutions in Goettingen, such as the German Centre for Cardiovascular Research e.V. (DZHK), the German Center for Neurodegenerative Diseases e.V. (DZNE) and the Max Planck Institutes for Multidisciplinary Sciences, and for Dynamics and Self-Organization.

Your tasks:

- Clinician Scientists are given the opportunity to plan and realize their own research project
- The project needs to be within the scientific scope of the MBExC and supervision by a principal (or associated) investigator of the MBExC (https://mbexc.de/about/members/) needs to be discussed prior to the application

Your profile:

- Completed studies in human medicine with licence to practise medicine
- Medical doctorate, at least completed experimental part of the doctoral thesis
- Labwork experience
- Proof of scientific interest by a scientifically sound and promising project outline
- Independent, responsible, flexible working style and ability to work in a team

We offer:

- A stimulating intellectual environment with innovative neurobiology and cardiac research projects within the interdisciplinary research
areas of the Cluster of Excellence MBExC
- Excellent scientific and technical infrastructure
- Integration into aMBExC research group of your choice
- Mentoring by renowned scientists of the MBExC
- Membership of the Hertha Sponer College promoting exchange between medical and natural scientists
- 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)
- Location in a beautiful and historic German university town steeped in tradition, with a campus that includes the University of Göttingen, Max Planck Institutes, and other local research institutions

Please include in your application a cover letter, a brief research plan outlining the envisaged integration into the scientific scope of the MBExC, your CV, list of publications, names of possible referees, and relevant certificates.

For further information on the research profile of the MBExC please contact Dr. Fritz Kobe, Scientific Coordinator, Multiscale Bioimaging Cluster of Excellence (contact details below)

The University Medical Center Göttingen is committed to professional equality. We therefore seek to increase the proportion of under-represented genders. Applicants with disabilities and equal qualifications will be given preferential treatment.

We look forward to receiving your application by July 9th, 2023:

University Medical Center Göttingen
Exzellenzcluster Multiscale Bioimaging (MBExC)
Prof. Dr. Tobias Moser
Professor of Auditory Neuroscience, Speaker Cluster of Excellence
Contact person:

Dr. Fritz Kobe, E-Mail: Fritz.Kobe@med.uni-goettingen.de, Tel.: +49 551 39 61946

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

Travel and application fees cannot be refunded or transferred.