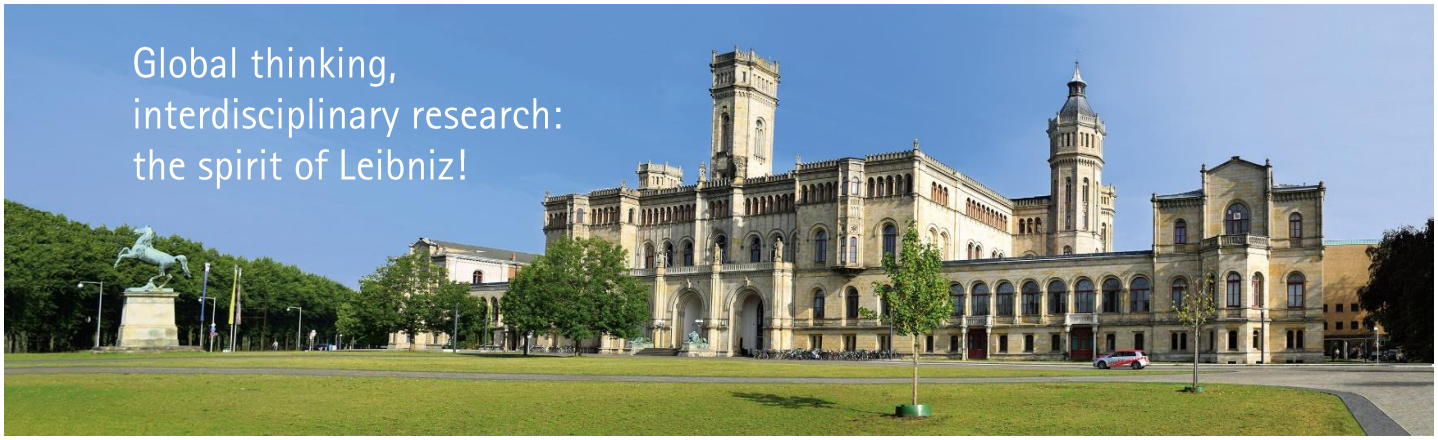
Leibniz Universität Hannover



We strive for universality, diversity and interdisciplinarity. With more than 30,000 students, three Clusters of Excellence, 5,000 members of staff, over 150 institutes and an outstanding infrastructure, Leibniz University Hannover offers an innovative environment for top-level education and research in a comprehensive range of subjects.

The Faculty of Natural Sciences invites applications for the following position of Salary Scale W2 NBesO with tenure track leading to Salary Scale W2 NBesO to be appointed at the earliest possible date:

University Professorship (m/f/d) in

Biofabrication for drug testing

The position is limited to 5 years. Following a positive evaluation, the candidate will receive a tenured professorship (salary scale W2 NBesO).

The job announcement is part of the Joint Federal Government-Länder Tenure-Track Programme to promote junior researchers. It is aimed at young researchers with outstanding potential for a successful academic career.

The Position

- The research focus of the professorship "Biofabrication for Drug Testing" will be in the area of bridging the translational gap between fundamental research and clinical application of drugs using innovative cell biological in vitro test systems. New technologies from the fields of biofabrication or stem cell research can be used for the development of predictive tissue models as well as the integration of 3D cell culture or tissue models into test systems that allow parallelized drug testing, e.g. using bioprinting. The use of human primary or induced pluripotent stem cell-derived cells for patient-specific models is desirable. Cell and tissue responses in the models can be studied e.g. cell biologically, biochemically and by imaging.
- The professorship will be allocated in the Institute of Cell Biology and Biophysics and the Institute of Medicinal Chemistry.

- In teaching, the professorship will be involved primarily in the areas of life science and biology.
- Active interaction with the local research groups in biology and chemistry as well as participation in future interdisciplinary collaborative projects is expected.
- Willingness to cooperate with research institutions in the Hannover-Braunschweig region, such as the Hannover Medical School (MHH) or the Technical University of Braunschweig, is expected.

Your Profile

- Strong research profile in innovative 3D cultivation of human cells (e.g. but not limited to adult or induced pluripotent stem cells) and development of 3D tissue models and their characterization
- Possible applicability of the models in the field of drug testing
- Early career phase
- Experience in interdisciplinary projects
- Successful acquisition of third-party funding
- Relevant publications that demonstrate research independence
- Several years of teaching experience and ability to teach courses in English

What we can offer you

LUH offers **excellent working conditions** in a vibrant scientific community combined with an **exceptional standard of living** in a modern city surrounded by nature. In addition, LUH provides numerous **opportunities for further education and training** as well as many services to support families. The Dual Career Service at LUH is aimed at the partners of newly-appointed professors and provides support with career perspectives in Hannover and the surrounding region. As a central point of contact for international researchers, the Welcome Centre provides information on non-academic queries concerning your stay in Hannover.

General duties and employment requirements are specified in the Lower Saxony Higher Education Act (NHG). For detailed information on employment requirements, please contact the Appointment Matters department.

Leibniz University Hannover promotes equal opportunities, diversity and a balance between work and family life (Equal Opportunities Office). For this reason, **female researchers** are particularly encouraged to apply. Furthermore, we welcome applications from **international researchers**. Preference will be given to equally-qualified **applicants with disabilities** (Representative for employees with disabilities). Upon request, part-time employment is possible.

For further information, please contact Prof. Dr. Cornelia Lee-Thedieck (Phone: +49 511 762-14972, Email: lee-thedieck@cell.uni-hannover.de).

Please submit your application **by July 27, 2022** exclusively via the appointment portal of Leibniz University Hannover at:

https://berufungen.uni-hannover.de

Information on the collection of personal data according to article 13 GDPR can be found at https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/.