



The Carl Gustav Carus Faculty of Medicine at Technische Universität Dresden offers as soon as possible a position for an outstanding applicant with international scientific qualification as

Chair (W2) of "Retinal stem cell research and neurogenesis"

for the CRTD – Center for Regenerative Therapies Dresden

The Center for Regenerative Therapies Dresden and Cluster of Excellence (CRTD) (www.crt-dresden.de) consists of 19 research groups working in the areas of Haematology/Immunology, Diabetes, Neurodegenerative diseases as well as Bone regeneration. A new profile area is developing in the area of translational research of the retina.

The professorship will be dedicated to basic research in the area of retinal stem cell research of mammals with respect to the generation of specific neuronal sub-types through in vitro differentiation of embryonic and neural stem cells using iPS- and ES cell technologies in animal models and / or tissue cultures, especially retinal organoids. Of particular interest is the implementation of innovative cellular models at the interface of pathology and regeneration. Profound knowledge of molecular and genetic mechanisms of brain development and neuronal differentiation are expected. The entire scope of the field of neural stem cells should be also be represented in teaching activities.

The successful candidate is expected to interact with groups within the CRTD, the Carl Gustav Carus Faculty of Medicine of Technische Universität Dresden (http://tu-dresden.de/die_tu_dresden/fakultaeten/medizinische_fakultaet), the German Center for Neurodegenerative Diseases (DZNE; www.dzne.de), the Biotechnology Center (www.biotec.tu-dresden.de), the Max-Planck-Instituts of cell biology and molecular genetics (www.mpi-cbg.de) and the Dresden International Graduate School of Biomedicine and Bioengineering (www.digs-bb.de).

Prerequisites according to § 58 SächsHSFG include a university degree in natural sciences or medicine, a doctoral degree and a habilitation or equivalent qualification record. The position further requires previous teaching experience, an outstanding international track record in scientific research and publications, and in acquired third-party funding.

The Faculty of Medicine aspires to increase the number of women in research and teaching, and strongly encourages qualified women to apply for this position. We also welcome applications from scientists with disabilities.

Please submit your application by **October 28, 2018**, including CV, publication list, a list of the five most important publications, a list of acquired third party funding, a description of teaching experience and of the future research concept (max. 5 pages) as well as the contact information for 3 references in electronic form as PDF file or hardcopy to **Dekan der Medizinischen Fakultät Carl Gustav Carus, Technische Universität Dresden, Prof. Dr. med. H. Reichmann, Fetscherstr. 74, 01307 Dresden (meddekan@mailbox.tu-dresden.de)**

Information on further details on the required documents you will find on the homepage of the Faculty of Medicine under the tab "Stellenanzeigen" (<https://tu-dresden.de/med/mf/die-fakultaet/stellenangebote/hinweise>). For additional questions please contact the Dean's office (Dr. Janetzky, +49 351-458 3356), the equal opportunity officer Dr. Valtink (+49 351-458 6124) or the representative of employees with disabilities, Ms Hillig (+49 351-458 3327).

The Technische Universität Dresden is a family-friendly university and offers a dual career service. The Faculty of Medicine also provides active support for childcare options as well as help in finding adequate jobs in the region for the candidate's partner.