The Center for Regenerative Therapies Dresden (CRTD) is an institute of the Center for Molecular and Cellular Bioengineering (CMCB) and currently hosts over 20 research groups and more than 250 employees. Research at the CRTD focuses on regenerative and stem cell research ranging from basic research to application in a clinical-translational context. Researchers at the institute develop new approaches for diagnosis and therapy in the fields of haematology/immunology, diabetes, neurodegenerative diseases and bone and tissue regeneration. For TU Dresden diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

The CRTD invites applications for the

**Chair (W2) of Regeneration of Complex Structures in Adult Vertebrates**

to be filled at the **earliest possible date**.

We are looking for a scientific expert (f/m/x) who will represent the subject of adult vertebrate regeneration in research and teaching. Your research should focus on the role and regulation of cellular senescence in regenerative processes. Using vertebrate model organisms, e.g. salamanders, you should investigate tissue regeneration with a focus on dedifferentiation, cellular senescence and ageing using modern molecular and cellular, immunological and physiological approaches including advanced imaging and other technologies aiming to translate insights towards clinical applications. We expect you to participate in interdisciplinary collaborative projects, contribute to overarching initiatives such as the Excellence Strategy and actively support academic self-administration. In addition, you will actively participate in the teaching of the CMCB (e.g. International Master's Program Regenerative Biology and Medicine) as well as the Faculty of Biology (Bachelor's as well as Master's programmes), and contribute to the further development of the teaching programs of both academic units. The teaching obligations are based on the Saxon Regulation on Official Duties at Institutions of Higher Education (DAVOHS) and are to be performed half at the CMCB and half at the Faculty of Biology.

TU Dresden offers a productive environment for scientific collaboration including the Biotechnology Center (BIOTEC) and the Center for Molecular Bioengineering (B CUBE), the Carl Gustav Carus Faculty of Medicine and the Faculty of Biology. The Dresden International Graduate School for Biomedicine and Bioengineering (www.digs-bb.de) as well as non-university research institutes such as the Max Planck Institute of Molecular Cell Biology and Genetics (www.mpi-cbg.de) or the Deutsches Zentrum für Neurodegenerative Erkrankungen e.V. (DZNE, German Center for Neurodegenerative Diseases, www.dzne.de) offer additional opportunities for collaboration in the highly interactive research environment in Dresden.

As a successful candidate, you have an excellent international reputation in regeneration of complex structures. Using vertebrate model organisms, your research focuses on the topics of plasticity mechanisms as well as the role of senescence and immunity in regenerative processes. The position requires teaching experience, an outstanding international track record in scientific research and publications as well as third-party funding. Applicants must fulfill the appointment requirements of § 59 of the Institutions of Higher Education Act in the Free State of Saxony (SächsHSG).
For further information, please contact the chairman of the appointment committee, Mr. Prof. Dr. Gerd Kempermann, phone +49 351 458-82051, e-mail: gerd.kempermann@tu-dresden.de.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The university is a certified family-friendly university and offers a dual career service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment. If you have any questions about these topics, please contact the Equal Opportunities Officer of the CMCB (Ms. Dr. Katrin Daniel, +49 351 458-82097) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, Tel.: +49 351 463-33175).

Please submit your application including a CV, a description of your academic career, a complete list of publications, as well as a short-list of the ten most important publications, a list of funds received from third-party donors, a description of your teaching experience including the results of evaluations (preferably of the last three years) and a future research concept (no more than five pages) and a copy of the certificate of your highest academic degree preferably in electronic form (one PDF file) via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de/ to katrin.grosser@tu-dresden.de or as a hard copy by October 6, 2023 (stamped arrival date applies) to: TU Dresden, CRTD, Herrn Prof. Dr. Gerd Kempermann, Fetscherstr. 105, 01307 Dresden, Germany.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.