

The **Center for Regenerative Therapies Dresden (CRTD)**, an institute of the Center for Molecular and Cellular Bioengineering (CMCB), is looking for an internationally highly qualified

Leader of an Independent Junior Research Group on Regenerative Biology

(subject to personal qualification, remuneration according to salary group E 15 TV-L with Tenure-Track to W2)

starting **as soon as possible**. The position is initially limited to six years according to the Wissenschaftszeitvertragsgesetz – WissZeitVG (Fixed Term Research Contracts Act) and aims at obtaining further academic qualification. Competitive funding will be provided for the position of the junior research group leader and their group, depending on qualification and subject to negotiation. At the latest in the fifth year, a tenure evaluation will be carried out by an inter-faculty and inter-departmental commission. Provided a positive evaluation result, the successful candidate will be appointed to a permanent Chair (W2) of Regenerative Biology without new selection process. The evaluation procedure is based on mutually agreed evaluation criteria at the start of the service. Essential components of the evaluation are the scientific success in the form of quality and quantity of publications, success in the acquisition and management of third-party funds and in the promotion of young academics, a positively evaluated teaching performance, active participation in cooperative projects within and outside the central academic unit and university, and active participation in academic self-administration.

The **CMCB** unites the three institutes Center for Molecular Bioengineering (**B CUBE**), Biotechnology Center (**BIOTEC**) and the **CRTD** under one roof. Here, interdisciplinarity, innovation and internationality are emphasized. The institutes significantly shape the research profile line "Health Sciences, Biomedicine and Bioengineering" of the TU Dresden. Tissue regeneration and the development of cell-based regenerative therapies are the research topics of the CRTD. Hematology, immunology, diabetes, bone regeneration and neurodegenerative diseases are the main focus. Currently, 20 chairs and research groups with 250 employees from 30 nations are conducting research at the CRTD.

You (m/f/x) will conduct research at the interface between fundamental biology and translational research. Together with its strategic partners on campus, the faculties of Biology and Medicine, CRTD aims to strengthen and further develop new scientific activities within its focus on regeneration (e.g. rejuvenation, cell metabolism, immunology, etc.). The use or adoption of the latest breakthrough technologies (e.g. in organoids, gene editing, single cell genomics, physiology, computational approaches, synthetic biology, etc.) is also seen as an asset. There is particular interest in identifying candidates with the potential to strengthen future CMCB initiatives (e.g., new clusters of excellence, DFG Collaborative Research Centers, or similar) and collaborations on the Life Science Campus.

You will conduct independent interdisciplinary research in your research field at an internationally competitive level. This includes the conception and coordination of the group's research program, recruitment of relevant partners and involvement in collaborative efforts across the campus with the successful implementation of the research activities, publications, and acquisition of third-party funding. Applicants will also be involved in the CMCB's teaching efforts and will predominantly be teaching (in English) in the international Master's program "Regenerative Biology and Medicine" of the CMCB at TU Dresden. Furthermore, the support of topic-related teaching offers of the Faculty of Biology of the School of Science of TU Dresden is planned. Applicants establishing their first research group and applying for/holding an ERC starting grant, DFG Emmy Noether program etc. are particularly encouraged to apply.

Suitable applicants must have a university degree in natural or medical sciences, a PhD degree or equivalent, outstanding achievements in international biomedical research, and a proven track record of excellence in their field of research. Applicants need to be experienced in steering research projects independently. Knowledge in acquiring third-party funding is advantageous. The prerequisites for appointment to the unlimited chair (W2) after the successful tenure track evaluation are based on § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

The new junior research group will be housed - together with the existing core groups - in a dedicated laboratory area in the modern CRTD building and will be able to access a comprehensive, shared central technology platform. The CRTD is located on the Life Science Campus in close proximity to the Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), the Dresden University Hospital "Carl Gustav Carus" (www.uniklinikum-dresden.de), three German Centers for Health Research, which include the local sites of the German Center for Diabetes Research (DZD) and the German Center for Neurodegenerative Diseases (DZNE), and the Dresden International Graduate School for Biomedicine and Bioengineering (DIGS-BB).

The TU Dresden supports tenure-track position holders within the YOU PROF program. With mentoring, various coaching, special further training and support offers, active professional guidance and support is provided throughout the duration of qualification phase.

If you have any further questions regarding this position, please do not hesitate to contact the director of the CRTD, Prof. Federico Calegari (Tel.: +49 351 458-82204; federico.calegari@tu-dresden.de).

TU Dresden understands diversity as a cultural matter of course and as a quality feature of a university of excellence. Therefore, we warmly welcome all applicants who are willing to contribute with their performance and personality and thus contribute to the success of all. TU Dresden seeks to employ more female professors. Hence, we particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these or related topics, please contact the Equal Opportunities Officer of the CMCB (Dr. Katrin Daniel, phone: +49 351 458-82097) or the representative for persons with disabilities (Roberto Lemmrich, phone: +49 351 463-33175).

Please submit your application documents, stating your research area(s), together with CV, list of publications, third-party funding already acquired, and a four-page description of your previous and future research projects by **October 27, 2022** (stamped arrival date applies), preferably in electronic form as one PDF file via the SecureMail Portal of the TU Dresden <https://securemail.tu-dresden.de> to: katrin.grosser@tu-dresden.de. Applications sent by regular mail should be addressed to: TU Dresden, Center for Regenerative Therapies Dresden, Prof. Federico Calegari, Fetscherstrasse 105, 01307 Dresden. Please submit copies only as your application will not be returned to you.

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>.