

The **Biotechnology Centre** (BIOTEC) is an institute at the Center for Molecular and Cellular Bioengineering (CMCB) with the aim to develop innovative technologies, approaches and teaching in the life sciences utilizing strengths in molecular, cellular and developmental biology, biophysics and computational biology. BIOTEC seeks to fill the

Chair (W3) of Cellular Circuits and Systems

as soon as possible.

The holder of the position will explore the concepts of Cellular Circuits and Systems in research and teaching. His/her research area will complement the interdisciplinary research at BIOTEC by bridging molecular cell and developmental biology with systems biology and biotechnology. The successful applicant will actively engage in the teaching program hosted by the CMCB, including the international Masters' programs in "Molecular Bioengineering", "Nanobiophysics", "Regenerative Biology and Medicine" and "Computational Modeling and Simulation". Teaching in the Bachelor program „Molecular Biology and Biotechnology“ of the Faculty of Biology as well as at the Dresden International Graduate School for Biomedicine and Bioengineering (DIGS-BB) is also available. Interdisciplinary cooperation with university research groups including the Center for Regenerative Therapies (CRTD), the Center for Molecular Bioengineering (B CUBE), the School of Science, and non-university research groups at the Max Planck Institute of Molecular Cell Biology and Genetics (CBG) and the local biotechnology industry are desirable.

The successful applicant should have an outstanding international scientific record as a researcher in the fields of cellular and developmental biology, systems biology or molecular bioengineering. Innovative research on cellular circuits as well as cell and developmental processes with a molecular cell biology orientation and the potential to reveal fundamental mechanisms with a quantitative approach will be preferred. The candidate is expected to utilize advanced analytical or biophysical approaches, for example by combining developmental genetics with high resolution microscopy and ultra-sensitive methods. An excellent publication record, extensive teaching experience, and proven ability to attract third party funding are required. Applicants must fulfil the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

For further scientific questions, please contact Prof. Michael Schroeder, Tel. +49 351 463-40062; Email: michael.schroeder@tu-dresden.de.

TU Dresden seeks to employ more female professors. Hence we particularly encourage women to apply. Applications from disabled candidates or those with additional support needs are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the CMCB (Mr. Martin Kaßner, +49 351 458-82082) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, +49 351 463-33175).

Please submit your application, including CV, publication list, list of third party funding acquired and courses taught, results of teaching evaluations (preferably from the last three years), a certified copy of your highest academic degree as well as an up to five page long description of past research achievements including future research and teaching concepts as a hard copy to **TU Dresden, Biotechnologisches Zentrum, Direktor, Herrn Prof. Michael Schroeder, Tatzberg 47/49, 01307 Dresden, Germany** or via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it to **dana.schoder@tu-dresden.de** until **29.01.2019** (stamped arrival date applies).

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>