Technische Universität Dresden

TUD Dresden University of Technology, as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD 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.

At the **Biotechnology Center (BIOTEC),** an Institute of the **Center for Molecular and Cellular Bioengineering (CMCB),** the **Chair of Cellular Biochemistry** offers a project position as

Research Associate / PostDoc (m/f/x)

(subject to personal qualification, employees are remunerated according to salary group E 13 TV-L)

starting **August 1, 2026**. The position is limited until December 31, 2027. The period of employment is governed by § 2 (2) Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

Tasks: We are looking for a highly motivated postdoctoral researcher to join our group as part of a project, which aims to develop new therapeutic strategies by targeting biomolecular condensates involved in cellular repair pathways. Our recent findings suggest that the dynamic organization of proteins into condensates represents an emerging and largely unexplored pharmacological space with vast potential for drug discovery. 1) The successful candidate will contribute to establishing cell-based and biochemical assays to characterize condensate dynamics, identify small molecules that modulate condensate trapping, with the goal of overcoming resistance to inhibitor therapies and expanding synthetic lethality-based cancer treatments. 2) Collaborate closely with team members performing biophysical and biochemical reconstitution experiments. 3) Interact with local, national and international collaborators in biophysics, biology, bioinformatics, and drug development.

Requirements:

- university and PhD degree in cell biology, molecular biology, biochemistry or a related discipline
- experience in fluorescence microscopy, quantitative image analysis, biomolecular condensates, or stress response or repair processes is a strong advantage
- experience with biochemical or biophysical assays (e.g., protein purification, reconstitution assays) and/or small molecule screening approaches is beneficial but not mandatory
- familiarity with drug discovery concepts or chemical biology approaches is considered a plus
- proven ability to work independently and as part of a team, with strong organizational and communication skills
- excellent written and spoken English; German is an asset but not required

We offer:

- work at an interdisciplinary lab which combines cutting-edge biochemical, biophysical and cell biological approaches
- the opportunity for engaging and independent work within a flat hierarchy, in an open-minded team and supportive atmosphere
- flexible arrangements for work hours to support a good work-life balance
- 30 days of vacation per year (based on a 5-day workweek)
- extensive opportunities for professional development and continuing education
- health care and sports programs offered by TUD
- a discounted job ticket (also available as a Deutschlandticket)
- participation in the supplementary pension scheme for employees in the public sector via VBL (Federal and State Government Employees Retirement Fund)

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The university is a family-friendly university. 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.

Application: Please submit your detailed application with the usual documents by **July 15, 2026** (stamped arrival date or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to **simon.alberti@tu-dresden.de** or to:

TU Dresden, BIOTEC, Prof. Simon Alberti, Tatzberg 47/49, 01307 Dresden, Germany.

Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

TUD is a founding partner in the DRESDEN-concept alliance.

DRESDEN concept

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.