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.

The **Dresden-concept Genome Center (DcGC)** – one of Germany's leading academic NGS centers – hosted at the **Center for Molecular and Cellular Bioengineering (CMCB)** offers a position as

Technical Assistant / BTA / CTA (m/f/x)

(subject to personal qualification, employees are remunerated according to salary group E 9a TV-L)

starting **June 1, 2026**. The position is third party funded and initially limited until October 31, 2027 with up to 100% of the full-time weekly hours and with 50% of the full-time weekly hours until June 30 2029 (time limitation pursuant to TzBfG). There is a strong intention of prolongation of the contract subject to available funding. Balancing family and career is an important issue. The position is generally suitable for candidates seeking part-time employment. Please indicate the request in your application.

The position is part of the DcGC, which is a joint sequencing facility in the framework of the DRESDEN-concept scientific institutes. The DcGC offers a broad range of state-of-the-art genomic technologies to the scientific community. As a flagship core facility in Dresden, the DcGC has top-level infrastructure and strong expertise in single-cell applications, spatial transcriptomics, as well as many different short-read based high throughput sequencing applications. The latest addition to the DcGC portfolio is the expertise in spatial transcriptomics, a technology that will have a major impact on multi-omics studies and revolutionize our understanding of cells and tissues.

Tasks: You can expect an exciting and responsible job in our sequencing team. You will work with state-of-the-art procedures and methods in the field of genomics, transcriptomics and next generation sequencing (NGS), which require you to independently and reliably perform complex molecular biological work to the highest standards.

In close collaboration with technology experts, your tasks will include handling and quality assessment of RNA and DNA samples, and further processing of these for the creation of NGS sequencing libraries. Cell suspension handling for the use of single-cell experiments will be part of your laboratory work. You will operate automated systems, contribute to the development of techniques and protocols and work on various workflows in the field of various NGS applications. Your tasks will also include the careful documentation and evaluation of results as well as troubleshooting of experiments in close interaction with research scientists.

Requirements: Completed vocational training as a biological-technical assistant (BTA), chemical-technical assistant (CTA) with state recognition or as biological/chemical laboratory technician with equivalent knowledge and work experience. Very good knowledge of, and extensive practical laboratory experience in, cell and molecular biology methods are required. Experience in NGS, knowledge of histology techniques, cell culture handling and basic microscopy are advantageous. Know-how in working with automated systems would be beneficial, but is not required. The careful documentation of experiments and assisting in overall laboratory organization is a basic requirement.

Proficiency in spoken and written English is mandatory. Good communications skills and professional approach to internal and external partners are fundamental, as is the ability to work independently as well as in a team.

We offer: A position in a leading research institute of the Excellence University TU Dresden combined with a highly specialized working environment where you work with an innovative interdisciplinary team. You 1ll get the chance to work in a dynamic, international, and interdisciplinary work environment.

As a modern employer, the TUD offers flexible working hours and takes specific workplace requests in consideration. Employees at the TUD profit from corporate benefits, professional health management, university supported sports opportunities, and reduced public transportation fees. Moreover, the TUD has a comprehensive continuing education program for our staff, which is a key component of personnel development at the 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 **May 29, 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 **lisa.lehmann1@tu-dresden.de** or to:

TU Dresden, CMCB Technologieplattform, Lisa Lehmann, 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.