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 at the Center for Molecular and Cellular Bioengineering (CMCB), one of four DFG-funded German Competence Centers for next generation sequencing (NGSCC), offers a position as

**Research Associate (m/f/x)**

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

starting by March 15, 2024 as a parental leave replacement. The position is initially limited until January 12, 2025. However, there is a strong intention to pursue continued employment pending available funding. The period of employment is governed by the BEEG.

The DRESDEN-concept Genome Center (DcGC) is one of four selected DFG NGS Competence Centers in Germany ([https://ngs-kn.de](https://ngs-kn.de)). Its primary technological focus is on implementing novel methods for single-cell and spatial sequencing applications, as well as bulk short and long-read sequencing applications. With its broad technological portfolio, the DcGC offers to acquire comprehensive knowledge of a broad spectrum advanced NGS methods. The DcGC is an outstanding model for a shared campus infrastructure in Dresden and has exceptional technological resources and strong expertise in areas such as single-cell applications, de novo genome sequencing, and various short-read-based sequencing applications.

**Tasks:** The successful candidate will be responsible for the scientific projects of the DcGC and will work closely with the laboratory teams. The candidate will play a central role in developing and establishing new methods and techniques in close collaboration with the laboratory team. Furthermore, the candidate will be involved in delivering high quality services and ensuring that projects are successfully completed on time by overseeing and assisting with daily laboratory activities (sample and library preparation and instrument operation). The candidate must have significant experience and understanding of experimental work, including planning, conducting, analyzing, and troubleshooting experiments.

**Requirements:** We are seeking an independent, organized, and creative professional capable of managing a complex and dynamic workload. Candidates must hold a university and, if applicable, a PhD degree in life sciences (e.g. biochemistry, biotechnology, biology or other related field). Experience with NGS technologies and advanced knowledge of molecular biology techniques is mandatory. In-depth knowledge of automation systems and experience in microscopy, cell handling and FACS preferred. Very good knowledge of cell and molecular biology is also required. The job requires a strong ability to work in a team, very good communication skills and a professional demeanour when dealing with internal and external partners. Fluency in written and spoken English and the ability to work creatively and independently are highly desired. Flexibility in working hours is an advantage.
**What we offer:** A position in a leading research institute of the Excellence University TU Dresden combined with a highly specialised working environment where you can implement your own ideas and work with an innovative interdisciplinary team, flexible working hours and the possibility of accommodating your children through partnerships with childcare facilities close to the institute.

TUD strives to employ more women in academia and research. We therefore strongly 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.

Please submit your detailed application including letter of motivation and CV in English as well as certificates by **February 19, 2024** (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](https://securemail.tu-dresden.de) by sending a single pdf file to [lisa.lehmann1@tu-dresden.de](mailto:lisa.lehmann1@tu-dresden.de) or to: TU Dresden, Center for Molecular and Cellular Bioengineering, DRESDEN-concept Genome Center, Z. H. 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.

**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](https://tu-dresden.de/karriere/datenschutzhinweis).