At the Biotechnology Centre (BIOTEC), an Institute of the Center for Molecular and Cellular Bioengineering (CMCB), the junior research group of Dr. Jörg Mansfeld, ‘Proteolysis in cell fate decisions’ will be offering a position as

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

starting 1st October 2019. The position is limited until 30th June 2021 (time limitation pursuant to TzBfG).

The major aim of the group’s research programme is to understand how cells decide between continuous cell proliferation and a dormant state, called quiescence. The balance between both states is crucial for any organisms and is often perturbed in cancer cells, which have lost their proliferation control. Our junior research group uses a broad range of molecular, genetic, biochemical and imaging techniques to investigate different aspects of cell cycle decision-making predominately in human cell culture models including human iPS cells (https://www.mansfeldlab.com/).

Tasks: actively contributing to research projects, including projects of your own including planning, execution and analysis of cell biological experiments with human cell lines and iPS cells; techniques to be employed include generation of DNA constructs for the generation of stable cell lines, siRNA, CRISPR/CAS9 knock-outs, immunohistochemistry/fluorescence, RT-PCR, advanced live cell imaging and analysis; development and optimization of new protocols and techniques; training and supervising of other group members in lab technologies and protocols as well as day-to-day lab management and organisation (e.g. ordering of chemicals/reagents and coordination of laboratory processes).

Requirements: qualification as state-certified Technical Assistant or equivalent with equal knowledge and skills and a minimum of 2 years hands on work experience; expertise in molecular biology and cell culture; excellent knowledge and experience in experimental laboratory work; excellent knowledge of English (written & oral); capacity for working independently; excellent interpersonal and organisational skills; will to work in an international team within a highly collaborative environment. Experience in working independently within a research project and previous experience in biochemistry would be an asset.

We offer: a dynamic and friendly team in a highly flexible work environment and the possibility to advance the technical portfolio with the latest approaches in molecular and cell biology and single cell imaging; a limited amount of routine lab tasks and the possibility to independently work on clearly defined and already advanced scientific projects that are close to publication (including own authorships).

Applications from women are particularly welcome. The same applies to people with disabilities.

We kindly ask you to submit your complete application documents in English until 05.08.2019 (stamped arrival date applies), preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de, in a single PDF file to joerg.mansfeld@tu-dresden.de or to: TU Dresden, BIOTEC, Herrn Dr. Jörg Mansfeld, Tatzberg 47/49, 01307 Dresden. 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.