

The Brandenburg University of Technology Cottbus-Senftenberg (BTU) bundles top-level research and transfer at an international level, thereby creating an interdisciplinary innovation network and an excellent science and technology location. Together with its renowned partners, the BTU forms the Lausitz Science Network - an alliance of research institutions that together want to further develop the strengths of the science location Cottbus-Senftenberg and increase its visibility. Through innovative research and new teaching and learning formats, the BTU is shaping the future: with scientific findings and practice-relevant solutions, it is helping to shape the major issues of the future and transformation processes. In four profile lines - "Energy Transition and Decarbonization," "Health and Life Sciences," "Global Change and Transformation Processes," and "Artificial Intelligence and Sensor Technology" - it combines its strengths in teaching and research across institutes and faculties.

At its locations in Cottbus and Senftenberg, the BTU guarantees its students a challenging education, individual support and the opportunity to learn from and with each other with curiosity and openness. The BTU stands for an inspiring atmosphere of learning and research in a dialogical, democratic cooperation of all: The diversity of our faculty and students enables innovation and progress in Lusatia.

**The Faculty of Environment and Natural Sciences** invites applications for a

# PROFESSORSHIP (W3)

## Cell Biology (Zellbiologie)

commencing at the earliest opportunity.

The professorship is intended to strengthen the Institute of Biotechnology. The Institute is in the process of restructuring and will continue to develop in the coming years with a focus on biomedicine with particular emphasis on sensory methods. Inter- and transdisciplinary collaboration with colleagues at the site and close cooperation with non-university research institutions such as the IZI-BB, the IHP, the IPMS and the IAP is desired.

We are especially interested in a candidate working in the field of stress responses of eucaryotic cells and tissues (human or animal) to environmental factors, preferably with a focus on (i) receptor-ligand interactions at the cell surface and/or (ii) activation/inhibition of signaling pathways and/or (iii) changes in cell mechanics. Therefore, innovative intracellular reporter systems such as stimuli-responsive molecular probes and high-resolution light microscopy methods should be used. Within the overall concept of the Institute of Biotechnology at the Faculty of Environment and Natural Sciences, the professorship is part of the Health and Life Sciences profile line and is located on the Senftenberg campus.

### We are looking for:

a nationally and internationally recognised personality with experience in the fields of cell biology - proven by relevant publications and third-party funding. The professorship should represent the above-mentioned fields in research and teaching in Biotechnology, Life Science and International Health degree programs and in other degree programmes at the BTU, as well as perform teaching duties in the Bachelor's and Master's degree programmes in German and English. If there is no sufficient knowledge of German, the willingness to learn the German language as soon as possible is required in order to ensure the cooperation in the management of the institute, the faculty and in university and non-university committees as well as the teaching of the Bachelor's degree programmes in German.



The BTU carries the seal of quality of The German Association of University Professors and Lecturers (Deutscher Hochschulverband, in short DHV). She is thus honored for her fair and transparent negotiations on the appointment of new professors.

## Your profile:

As a future professor, you can provide evidence of the following requirements in accordance with § 41 Para. 1 No. 1 to 4a Brandenburg Higher Education Act (BbgHG):

- a completed university degree (biology, biotechnology, biochemistry, human biology or similar),
- pedagogical aptitude,
- a special aptitude for academic work, as a rule through the outstanding quality of a doctorate in cell biology, molecular biology, biochemistry or another relevant subject area, and
- a habilitation or additional academic achievements as an equivalent.

Furthermore, you have experience in the acquisition of third-party funding and in the implementation of third-party funded projects. Your research topics should be relevant to the DFG or comparable international research funding institutions.

Your university teaching experience enables excellent teaching for the subject area to be filled here. You have the ability to teach at all curricular levels from bachelor's to doctorate, to supervise theses and to support young academics. Your Knowledge and experience enable you to participate in academic self-administration and in raising the profile of the faculty.

## We offer:

- fair and transparent appointment negotiations,
- attractive working conditions in a city with a high quality of life and in relative proximity to Berlin, Dresden and Leipzig,
- a dynamically developing research location,
- support in relocating to the immediate vicinity of your place of employment,
- comprehensive advice in the dual-career service and in the area of family orientation, and
- an attractive salary with a negotiable appointment benefit.

Other duties result from the requirements set by § 42 BbgHG in conjunction with § 3 BbgHG.

For further information please contact Prof. Julia von Maltzahn, Tel. +49 (0)3573 85-526 / email: [Julia.vonMaltzahn@b-tu.de](mailto:Julia.vonMaltzahn@b-tu.de).

Please refer to §§ 41 paragraph 1 No 1 – 4a and 43 BbgHG for prerequisites and conditions of employment.

BTU is committed to equal opportunities and diversity and strives for a balanced gender ratio in all employee groups. Persons with a severe disability and their equals are given priority in the case of equal suitability.

As a family-oriented University, BTU offers a Dual Career Service.

Information on appointment management including the legal basis as well as the status of ongoing appointment procedures can be found at: <https://www.b-tu.de/en/university/career/professional-appointment-management>.

**The application, including academic certificates, curriculum vitae, a list of publications, as well as proof of teaching experience, should be sent by e-mail in a single pdf file with max. 7 MB until 08.03.2024 to:**

**E-mail:** [fakultaet2+bewerbungen@b-tu.de](mailto:fakultaet2+bewerbungen@b-tu.de)

**Dekan der Fakultät Umwelt und Naturwissenschaften,**

**postal adress: BTU Cottbus - Senftenberg, Postfach 101344, 03013 Cottbus.**



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When sending your application by unencrypted e-mail, please be aware of the risks regarding the confidentiality and integrity of your application content and please also note the data protection information on the BTU website.



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