Dresden University of Technology

The Center for Molecular Bioengineering (B CUBE) is an interdisciplinary research center focusing on three research dimensions: Bio-prospecting, BioNano Tools, and Biomimetic Materials (see https://tu-dresden.de/cmcb/bcube). The Junior Research Group Leader will be part of a dynamic institute of TUD Dresden University of Technology situated on the Life Science Campus next to the Biotechnology Center, the DFG Cluster of Excellence "Physics of Life", the Center for Regenerative Therapies Dresden, the Carl Gustav Carus Faculty of Medicine, and the Max Planck Institute of Molecular Cell Biology and Genetics.

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 **Center for Molecular Bioengineering (B CUBE),** an institute of the **Center for Molecular and Cellular Bioengineering (CMCB)** is seeking applications for a position as

Junior Research Group Leader (m/f/x)

(subject to personal qualification employees are remunerated according to salary group E 15 TV-L)

starting **as soon as possible**. The position is initially limited to 3 years. Extension for additional two years is possible after positive evaluation. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG).

Tasks: The successful applicant will receive a dedicated research budget (for personnel, consumables and equipment) to independently establish and lead a scientifically independent and interdisciplinary research group. B CUBE offers an excellent scientific environment with career development support, state-of-the-art equipment, and dedicated laboratory and office space in a new research building. In addition, the Junior Research Group Leader will be encouraged and supported to acquire third party funding, e.g. from the Deutsche Forschungsgemeinschaft (Emmy-Noether program), European Union (ERC starting or consolidator grant) or the BMFTR (Bundesministerium für Forschung, Technologie und Raumfahrt). Publishing original research articles, contributing to the further development of B CUBE, and active participation in teaching are regular components of the junior research group leader's duties.

Requirements:

- applicants should hold a university and a PhD degree in a relevant field of life sciences - such as molecular genetics, molecular and cell biology, biochemistry, systems biology, biophysics, bioengineering or a closely related discipline - typically awarded within the past four years
- a research focus on synthetic biology or biological materials is highly desirable
- likewise, applicants working on bioengineering-related topics at the interface of biology with physics or chemistry are encouraged to apply.
- candidates are expected to have an excellent scientific track record in using experimental and/or computational approaches to analyze and engineer biological systems.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified 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.

Please send your application (CV, publication list, description of past achievements (max. one page), research proposal (max. three pages) and contact details for three referees) until **May 21, 2026** (stamped arrival date or the time stamp on the email server of TUD applies) preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to **bcube@tu-dresden.de** or to:

TU Dresden, B CUBE, Prof. Dr. Nils Kröger, Tatzberg 41, 01307 Dresden.

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.

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