As a part of the Tenure Track Programme, the Biotechnology Centre (BIOTEC) (www.tu-dresden.de/biotec) at the Center for Molecular and Cellular Bioengineering (CMCB) invites applications for the

Junior Professorship (W1) in Biophysics of Active Matter  
(W3 with tenure track)

to begin on 1st October 2018.

The chosen candidate will initially receive a limited, four-year contract as a temporary public official. If the interim evaluation is positive, the employment contract will be extended to a total of six years. In the fifth year, a tenure evaluation will be carried out by a faculty-wide and school-wide commission. Following a positive evaluation, a permanent Chair (W3) of Biophysics of Active Matter will be granted without a renewed call for applications.

Evaluation criteria mutually agreed upon when the position is accepted will form the basis of the evaluation procedures. Essential elements of the evaluations will be scientific successes in regard to the originality and creativity of research (also related to the advancement of existing approaches), the quality and quantity of publications stemming from this, successes in the acquisition of third-party funds as well as positively evaluated teaching performance, also in English.

We are looking for applicants with outstanding international scientific qualifications in the field of Biophysics of Active Matter. The research focus must be within the field of Biophysics of Active Matter. The focus on the exploration of nonlinear material properties of the cell cortex is particularly desirable, but also the biophysical investigation of other intracellular nonlinear structures, processes and phenomena in non-equilibrium. Both experimental and theoretical approaches are to be applied equally. The applicants should already be recognisable through their significant scientific contributions in the field of Biophysics of Active Matter.

During the temporary Junior Professorship, the applicants must prove that they are able to fully represent the field of Biophysics of Active Matter in research and teaching. Their research should fit in well with and complement the interdisciplinary research environment of the CMCB and the wider research landscape in Dresden (e.g. School of Sciences, School of Medicine and the Max Planck Institutes for the Physics of Complex Systems and of Molecular Cell Biology and Genetics). In teaching, both in German and English, courses must be taught, e.g. in the international CMCB Master's programmes "Molecular Bioengineering", "Nanobiophysics" and in "Regenerative Biology and Medicine". In addition, courses must be taught in the specialisation "Soft Condensed Matter and Biophysics" as part of the Master's programme from the Faculty of Physics, in the Bachelor's programme "Molecular Biotechnology" from the Faculty of Biology and in the Dresden International PhD Program (DIPP). Academic self-administration and participation in academic committees is expected.

For further information please contact Dr. Dana Schoder at +49 351 463-40050.
Applicants must fulfill the employment qualification requirements of § 63 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (Higher Education Act of the Free State of Saxony – SächsHSFG). Prerequisites for the application are a university degree in the natural sciences and a habilitation or equivalent qualification in research.

TU Dresden supports tenure track professors with a programme specifically tailored to their needs. Mentoring, various coaching sessions, and special continuing education programmes and support offers provide active professional guidance throughout the duration of the temporary Junior Professorship.

TU Dresden seeks to employ more female professors. Hence, we particularly encourage women to apply. Applications from disabled candidates or those with additional support needs are very welcome. The University is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the CMCB (Mr. Martin Kaßner, +49 351 458-82082) or the Representative of Employees with Disabilities (Ms. Birgit Kliemann +49 351 463-33175).

Please submit your application including CV, a list of your publications, a description of your past research results (max. 5 pages), your planned research and teaching concept, and the results of teaching evaluations by mail by 14.06.2018 (stamped arrival date applies) to TU Dresden, Center for Molecular and Cellular Bioengineering (CMCB), geschäftsf. Direktor Herrn Prof. Jochen Guck, Tatzberg 47/49, 01307 Dresden, Germany and in electronic form via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de sending to dana.schoder@tu-dresden.de.