For the **Cluster of Excellence „Physics of Life" (PoL)** the **Center for Molecular and Cellular Bioengineering (CMCB)** and the **Helmholtz-Zentrum Dresden-Rossendorf (HZDR)** invite applications for a joint position as

Junior Research Group Leader on Physical Chemistry of Biomolecular Condensates
(Subject to personal qualification, remuneration according to salary group
E 15 TV-L with Tenure Track to W2)

to be filled **as soon as possible**, initially for a limited five-year contract. At the end of the fourth year, a tenure evaluation will be carried out by a cross-faculty and cross-departmental commission. Following a positive evaluation, a permanent Chair (W2) of Physical Chemistry of Biomolecular Condensates will be granted at TU Dresden without a renewed call for applications. Criteria for the tenure evaluation procedure will be mutually agreed upon when the position is accepted. Essential components of the tenure evaluation will be scientific success, the originality and creativity of the research, the quality and quantity of the publications, success in obtaining third-party funding as well as a positively evaluated teaching performance. During the temporary appointment you will show that you are able to fully represent the field of Physical Chemistry of Biomolecules in research and teaching.

In this call, we are looking for applications from early career researchers who will pursue a strong and internationally leading research programme focused on understanding the Physical Chemistry of Biomolecular Condensates. Your group is affiliated both to the DFG-funded Cluster of Excellence PoL (www.physics-of-life.tu-dresden.de) and the HZDR (www.hzdr.de) and will be embedded in a synergistic and interdisciplinary research campus in Dresden. The position offers an excellent environment including opportunities for cross-disciplinary collaborations by working closely with other POL, HZDR and TU Dresden research groups in Physics, Biology, Computer and Material Science. You will have access to the TELBE high-power radiation source of the HZDR with support from beamline scientists and will be expected to contribute to the investigation of high intensity ps-THz-pulse-induced phenomena in soft matter that are relevant to your biologically motivated research programme. You will be expected to teach in the international master programmes "Molecular Bioengineering", "Nanobiophysics" and "Regenerative Biology and Medicine" (in German or English) and participate in academic selfadministration and in academic committees.

We welcome applications from junior researchers with a university and doctoral degree and postdoctoral research experience in Physical Chemistry, preferably with a focus on Biomolecular Condensates, and an interest to investigate Solvent Physical Chemistry at intracellular interfaces with novel approaches in spectroscopy and/or microscopy. An example would be to elucidate the impact of the protein hydration shell on the conformational landscape of intrinsically disordered proteins, protein interactions, protein-lipid interactions, and protein phase separation. We particularly welcome applications with experience in the implementation and development of new laser-based microscopic and/or spectroscopic approaches to investigate the Physical Chemistry of biomolecules is desirable. The primary criteria for your appointment will be a strong record of innovative research and academic performance, an original and promising vision for the future work programme at the HZDR as well as a high potential for establishing an independent research group with fruitful interdisciplinary collaborations. Teaching experience in the areas mentioned above is highly desirable. The prerequisites for appointment to the unlimited chair (W2) after the

successful tenure track evaluation are based on § 58 SächsHSFG (Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony).

For further information please contact the speaker of the Cluster of Excellence, Prof. Dr. Stephan Grill, tel. +49 351 463 40329 or Prof. Dr. Karim Fahmy of the HZDR, tel. +49 351 260 2952; e-mail: recruiting.pol@tu-dresden.de.

TU Dresden supports tenure track professors with a programme specifically tailored to their needs (YOU PROF programme). Mentoring, coaching sessions, continuing education programmes provide active professional guidance throughout the duration of the tenure track period and beyond.

TU Dresden seeks to employ more female researchers in leadership positions. Hence, we particularly encourage qualified women to apply. Applications from candidates with disabilities 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 questions about these topics, please feel free to contact the Equal Opportunities Officer of the CMCB (Mr. Martin Kaßner, +49 351 458-82082) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, Tel.: +49 351 463-33175).

Please submit your application, including a cover letter explaining your motivation to apply for this position, a CV including a list of your publications and an overview of your prior supervision and teaching experience, a statement of your scientific achievements, a two-page summary of your future research plans and up to three of your most important publications and a certified copy of the certificate of your highest academic degree by regular mail until **23.10.2020** (stamped arrival date applies) to: **TU Dresden, Exzellenzcluster „Physik des Lebens", z.H. Herrn Prof. Dr. Stephan Grill, Tatzberg 47/49, 01307 Dresden** and by email in one single PDF document via the SecureMail Portal of the TU Dresden, https://securemail.tu-dresden.de to **recruiting.pol@tu-dresden.de** (subject line 'Physical Chemistry of Biomolecular Condensates').
The applications will be made available to the responsible bodies of TU Dresden and Helmholtz-Zentrum Dresden-Rossendorf.

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