The Biotechnology Centre (BIOTEC), an Institute of the Center for Molecular and Cellular Bioengineering (CMCB) offers a position in the Research Group Structural Bioinformatics as Research Associate / PhD Student
(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting as soon as possible. The position is limited for 3 years and entails 65% of the fulltime weekly hours. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. PhD).

Tasks: In the framework of a DFG project and in close collaboration with experimentalists, the selected candidate will apply computational methods to model, simulate and investigate protein-DNA structure, their interactions and the implications for specificity in order to guide structure-based rational engineering of proteins with customized properties for biotechnology and medical applications.

Requirements: university degree in Bioinformatics, Chemistry, Physics or related disciplines; knowledge on structural/computational biology, particularly in protein/DNA structure. Experience in molecular modelling and computer simulation techniques will be an advantage.

A strong commitment to work in a multi-disciplinary and international research environment, the ability to work in a team, initiative, English language skills, as well as good learning skills are required.

The Research Group Structural Bioinformatics and the BIOTEC are excellently equipped and provide outstanding working conditions in a very international environment. The group has also access to the supercomputing facilities of the TU Dresden (ZIH). For scientific details please refer to our group's web site: http://www.biotec.tu-dresden.de/research/pisabarro.html.

The BIOTEC is an international and interdisciplinary institute of the Center for Molecular and Cellular Bioengineering focused on molecular bio-engineering, proteomics, genomics, biophysics, stem cells and computational biology. The TU Dresden is a German University of Excellence.

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

To apply for this position, please send an e-mail with a cover letter and CV including your research interests by 12.03.2019 (stamped arrival date applies) via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf document to: sbjobs_biotec@mailbox.tu-dresden.de or to: TU Dresden, BIOTEC, Frau Dr. M. Teresa Pisabarro, Tatzberg 47-51, 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