



**Faculty/Department:** Mathematics, Informatics, Natural Sciences/ Computer Science  
**Seminar/Institute:** ZBH Center for Bioinformatics

Pending approval of external funding Universität Hamburg invites applications for a Research Associate for the project **“deNBI: Supporting Structure-Driven Molecular Life Science Research in BRENDA”** in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on May 1, 2019.

It is remunerated at the salary level TV-L 13 and calls for 39 hours per week.

The fixed-term nature of this contract is based upon Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed to Dec 31, 2021.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

#### **Responsibilities:**

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

#### **Specific Duties:**

Project management and independent research within the subject area Cheminformatics: Further development of software components for structure-based target-prediction; installation of a webservice for the implementation of screening-processes; preparation of lecture material in the context of structure bioinformatics; execution of upgrade training courses and consultancy of life scientists with regard to computer-based modeling of proteins and protein-ligand-complexes. Representation and realisation of a BMBF consortial project in internal and external relations.

#### **Requirements:**

A university degree in a relevant subject plus doctorate. Degree in Cheminformatics/Bioinformatics, Computational Chemistry, Natural Scientific Computer Science or a related area.

We expect very good knowledge and experience in modeling of molecule structures and interactions as well as in software engineering (Web technologies, pref. experience with rails and JavaScript, Programming in C++), good knowledge in structural Bioinformatics and Computer-Aided Molecular Design, ability to manage a software project as well as communicative competence, due to the participation on an interdisciplinary research cooperation.



Universität Hamburg

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Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

For further information, please contact Prof. Dr. Matthias Rarey or consult our website at <http://www.zbh.uni-hamburg.de/>.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is March 31, 2019. Please send applications to:

Universität Hamburg

ZBH Zentrum für Bioinformatik

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