As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

The Faculty of Mathematics, Informatics and Natural Sciences, Department of Chemistry, Institute of Molecular Biology und Biochemistry invites applications for a

**RESEARCH ASSOCIATE FOR THE PROJECT**

"**MHZ HIGH THROUGHPUT FIXED TARGET SERIAL CRYSTALLOGRAPHY**"

- **SALARY LEVEL 13 TV-L** -

The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 01.08.2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed for a period of 3 years. The position calls for 100% of standard work hours per week**. This position is also suitable for part-time employment.

**RESPONSIBILITIES:**

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

**SPECIFIC DUTIES:**

In terms of the BMBF funded project and in collaboration with scientists of CFEL, DESY and partner organisations of the Röntgen-ångström-Cluster Projekt research project, Universities Uppsala and Lund, the German-Swedish research team aims to develop, test and establish a novel method of beam-sweeping fixed-target serial femtosecond crystallography for the SPB/SFX instrument at the European XFEL (EuXFEL). The method will allow the acquisition of serial diffraction data from microcrystals at a sample exchange rate of 1.125 MHz, making full use of the unique pulse structure of the European XFEL. Research and development activities will be focused to support hardware design, construction and installation at the SFX beam station at EUXFEL and on preparing and scoring crystalline sample suspensions to be used for testing and optimizing the beam sweeping hardware. Complementary research activities will focus on a project in the field structural infection biology and structure based drug discovery.

* Full-time positions currently comprise 39 hours per week.
**REQUIREMENTS:**

A university degree in a relevant field. Biophysics, Biochemistry, Chemistry, or Structural Biology.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As women are currently underrepresented in this job category at Universität Hamburg according to the evaluation conducted under the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HambGleiG), we encourage women to apply for this position. Equally qualified and suitable female applicants will receive preference.

Qualified disabled candidates or applicants with equivalent status receive preference in the application process.

For further information, please contact Prof. Dr. Ch. Betzel.
Christian.Betzel@uni-hamburg.de oder Dr. Alke Meents, E-Mail alke.meents@desy.de.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 30.06.2020 to: Christian.Betzel@uni-hamburg.de.

Please do not submit original documents as we are not able to return them. Any documents submitted will be destroyed after the application process has concluded.