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 Department of Chemistry, Biochemistry and Molecular Biology of the Faculty MIN invites applications for a

RESEARCH ASSOCIATE FOR THE PROJECT “STRUCTURAL AND MECHANISTIC STUDIES OF FUNCTIONAL PROTEIN FIBRILS”
- 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 as soon as possible.

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 2 years. The position calls for 39 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:
This is a joint collaborative project between Israel and the Universität Hamburg. Project leaders are Associate Prof. Meytal Landau, Technion-Israel Institute of Technology; Prof. Dr. rer. nat. Kay Grünewald, Heinrich-Pette-Institute, Leibniz Institute of Experimental Virology and Universität Hamburg, Fakultät für Mathematik, Informatik und Naturwissenschaften (MIN) and Centre for Structural Systems Biology (CSSB), DESY, Hamburg; Dr. Carolin Seuring, Head of the CryoEM Multi-User Facility, CSSB; Dr. Roland Thünauer, Head of the Advanced Light and Fluorescence Microscopy Facility, CSSB.
The research will be conducted at the CSSB on the Bahrenfeld Research Campus, Hamburg, Germany, also the home of the German synchrotron DESY, with occasional visits to Israel. CSSB harbors state-of-the-art multi-user facilities for protein production and characterization, high-throughput crystallization, advanced light microscopy and electron microscopy.
For more information: https://www.cssb-hamburg.de/facilities/index_eng.html
The research methods include single particle cryoEM reconstruction, correlative light and electron microscopy, artificial membrane systems (supported lipid bilayers, liposomes), and live cell microscopy to study toxicity mechanisms of fibrils on bacteria and mammalian cells and within microbial biofilms.

**REQUIREMENTS:**

A university degree in a relevant subject plus doctorate.
- PhD in the field of structural biology, biophysics, or related fields
- Fluent in English (both written and oral)
- Experience in protein science and structural biology
- Desirable experience in cryo-EM and/or light microscopy
- The ability to work independently and as part of a team
- A high level of motivation
- Self-driven and organized

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

For further information, please contact Prof. Dr. Meytal Landau (mlandau@technion.ac.il) or consult our website at https://mlandau.net.technion.ac.il and https://www.cssb-hamburg.de/facilities/index_eng.html.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by April 14, 2020 to: Prof. Dr. Meytal Landau (mlandau@technion.ac.il) and Prof. Dr. rer. nat. Kay Grünewald (kay.gruenewald@cssb-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.