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 Biology, Centre for Structural Systems Biology invites applications for a

**RESEARCH ASSOCIATE (POSTDOC) - SALARY LEVEL 13 TV-L -**

The position in accordance with Section 28 subsection 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 01.10.2020.

This is a fixed-term contract in accordance with Section 2 of the academic fixed-term labor contract act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The initial fixed term is three years. The contract provides for a maximum extension of up to three years depending on the associate’s achievements during the first stage. Providing that a position is available and that requirements have been fulfilled, the associate may apply for temporary civil servant status in accordance with Section 28 subsection 2 HmbHG. The position is full-time and comprises 39 hours per week (40 for civil servants). This position is also suitable for part time employment.

**RESPONSIBILITIES:**

Duties include teaching and research in the respective department or institute. Research associates may also pursue independent research and further academic qualifications as well as acquire teaching experience. These duties are intended to promote academic achievement. Therefore, at least one-third of set working hours will be made available for the associate’s own academic work.

**SPECIFIC DUTIES:**

This post-doc position offers the opportunity to study the asexual proliferation of the malaria parasite *Plasmodium falciparum* in erythrocytes on the molecular level using bioinformatics, imaging and genetic approaches (40%). Focus of research is the functional characterisation of the molecular determinants of cell invasion. The successful applicant will also contribute to teaching (4 LVS, 25%), training and supervision of students (15%) and collaborative research work (20%).
**REQUIREMENTS:**

A university degree in a relevant subject plus doctorate. Solid expertise in cell biology and imaging techniques of intracellular parasites (including videomicroscopy and electron microscopy) as well as knowledge in bioinformatics. Experience in training and supervision of students and other personnel. Experience with cutting-edge methodologies for the genetic manipulation and functional analysis of the human pathogen *Plasmodium falciparum* and willingness to work in BSL2/3 laboratories. Excellent oral and written communication skills in English and experience with publications in peer-review journals. Willingness for close international cooperation.

The Free and Hanseatic City of Hamburg promotes equal opportunity. As man 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 man to apply for this position. Equally qualified and suitable male 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. Tim Gilberger (gilberger@bnitm.de) or consult our website at [https://www.cssb-hamburg.de/open_positions](https://www.cssb-hamburg.de/open_positions).

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 15. September 2020 to: boehm@bnitm.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.