



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

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, CUI: Advanced Imaging of Matter invites applications for a

## **RESEARCH ASSOCIATE FOR THE PROJECT “CLUSTER OF EXCELLENCE 'CUI: ADVANCED IMAGING OF MATTER' - ANALYSING EMERGENCE, DYNAMICS AND INTERNAL ORDER OF MOLECULAR LIQUID DENSE CLUSTERS”**

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

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The position in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) commences on 01.04.2021.

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:**

Investigating the formation, dynamics and internal order of biomolecular liquid dense clusters (LDCs) utilising laboratory-based methods and instrumentation, such as dynamic light scattering, high resolution light resolution microscopy and micro-electron diffraction, as well as utilizing synchrotron- and free-electron laser radiation for time resolved experiments. In terms of the research project also model systems of cellular phase separation known to be involved in particular diseases, as for example the Charcot-Leyden disease, will be targeted to obtain insights about the physicochemistry of the process.

## REQUIREMENTS:

A university degree in a relevant subject plus doctorate. A solid background in biophysics, physics, chemistry or biochemistry is desired, with a strong excitement for experimental research. The candidate must enjoy working in an international and interdisciplinary team environment and must have excellent communication skills.

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. Christian Betzel or consult our website at <https://www.chemie.uni-hamburg.de/institute/bc/arbeitsgruppen/betzel.html>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 31.01.2021 to: [christian.betzel@uni-hamburg.de](mailto: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.