



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

“INVESTIGATING THE FORMATION, ORDER AND DYNAMICS OF LIQUID DENSE CLUSTERS (LDCS) OF BIOMOLECULES UTILIZING LATEST IMAGING METHODS, AS WELL AS APPLYING SYNCHROTRON RADIATION AND MICRO-ELECTRON DIFFRACTION”

- 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 3 years. The position calls for 75 % of standard work hours per week*.

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 liquid dense clusters (LDCs) formed by biomolecules utilising laboratory-based methods, such as dynamic light scattering and advanced microscopy, as well as synchrotron- and micro-electron diffraction. Analysing time resolved functional phase separation resulting in formation of stable LDCs, as well as analysing time resolved phase separation resulting in crystals suitable for diffraction experiments. Targeting model systems of cellular phase separation related and known to be involved in particular diseases, as for example Charcot-Leyden crystals occurring via phase separation in respiratory infections and allergic reactions.

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

REQUIREMENTS:

A university degree in a relevant field. A background in chemistry, biochemistry or biophysics is desired, with a strong excitement for experimental research. The candidate should enjoy working in an interdisciplinary team environment, and should 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. Dr. Christian Betzel or Dr. Alke Meents or consult our website at <https://www.chemie.uni-hamburg.de/institute/bc/arbeitsgruppen/betzel.html> or <https://cid.cfel.de>.

Applications should include a cover letter, a tabular curriculum vitae, and copies of degree certificate(s). Please send applications by 18 December 2020 to: christian.betzel@uni-hamburg.de and alke.meents@desy.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.