



## 1 PhD (65% E13) student position (d/f/m)

To study “Norovirus particle assembly” and participate in “virus diagnostics developments”

The **Heinrich Pette Institute** – Leibniz Institute for Experimental Virology in Hamburg, Germany, invites applications for one position in the junior research group "**Dynamics of viral structures**" of **Dr. Charlotte Uetrecht**. The group studies functions and interactions of viral proteins. Using advanced mass spectrometric techniques, especially native mass spectrometry (MS), structural information of viral protein complexes is derived in a time-resolved manner. The PhD project is carried out with strong collaborative aspects as it links to EU pathfinder projects.

During the PhD, the student will be involved in technological developments modifying MS equipment in collaboration with international partners to enable new virus detection schemes. We have a longstanding record in investigating capsid assembly by native MS and seek exceptional, highly motivated candidates holding a Master degree in natural or life sciences to support these efforts. Suitable candidates have experience in mass spectrometry, virology or instrumentation. Expertise in biophysics, cell culturing and data analysis will be considered an asset.

We offer the opportunity to perform cutting-edge research in an extremely stimulating work environment equipped with state-of-the-art technology. The position is initially funded until April 2022 but additional funds for a 3 year PhD are available. Payment and social benefits will be in accordance with the regulations of the German TV-AVH (salary agreement for public service employees). The Heinrich-Pette-Institute is an international research institute with English as the working language. For further information please visit the website, <http://www.hpi-hamburg.de>, or contact Dr. Charlotte Uetrecht ([charlotte.uetrecht@xfel.eu](mailto:charlotte.uetrecht@xfel.eu)).

Please send your application by **15<sup>th</sup> January 2021**, late applications may be considered until the position is filled. Please send your electronic application including possible starting date, scientific CV, three reference contacts, certificates, letter of motivation in a **single PDF** to: [personalabteilung@leibniz-hpi.de](mailto:personalabteilung@leibniz-hpi.de)

The Heinrich-Pette-Institute promotes the professional equality between all genders. Handicapped applicants with equal qualifications will be given preferential treatment.

Heinrich Pette Institute  
Leibniz Institute for Experimental Virology  
Personnel Department  
Martinistraße 52, 20251 Hamburg  
[personalabteilung@leibniz-hpi.de](mailto:personalabteilung@leibniz-hpi.de)

