

PhD Student Virus Immunology

The Heinrich Pette Institute – Leibniz-Institute for Experimental Virology (HPI), is committed to research on the biology of different human viruses as well as the pathogenesis of viral diseases. The HPI offers the opportunity to perform cutting-edge research in a world-class research environment with excellent technical facilities (www.hpi-hamburg.de).

The Research Department “Virus Immunology” focuses on the immune responses in viral infections, in particular, how effector cells identify and kill virus-infected cells, and how viruses evade immune recognition. **Our department is currently looking for a highly motivated PhD candidate with a strong interest in immunology and virology for the following project:**

**„To investigate how extracellular vesicles modulate immune responses
of cytotoxic effector cells”**

The project is embedded in the third party (LFF) funded research program “Mechanisms of Cell Communication in Infection” and focuses on the hypothesis that extracellular vesicles modulate immune responses of cytotoxic effector cells through the transmission of viral antigens and MHC-I-like stress molecules from infected to uninfected cells.

We are looking for a PhD student:

- Who is enthusiastic to discover new mechanisms underlying the regulation of immune responses in the setting of various viral infections such as HIV, HBV, HCV and EBV
- Who has experience in the fields of immunology, virology and/or molecular biology
- With excellent teamwork and communication skills
- With a diploma/master degree or equivalent

Payment and social benefits are in accordance with regulations of the German TV-AVH (salary agreement public service employees). If you have further questions, please contact **Dr. Christian Körner** (E-mail: Christian.koerner@leibniz-hpi.de).

Applications should consist of a single pdf file comprising a CV, a short description of your work experience and technical skills, and up to three references. Please submit your application to the Personnel Department (personnel@leibniz-hpi.de) by **April 5th, 2020**. Late applications will be considered until the position is filled.

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