

# Master Thesis

## - Virus-Host-Interaction -

The **Heinrich Pette Institute** - Leibniz Institute for Experimental Virology (HPI), is committed to research on the biology of different human viruses, the pathogenesis of viral diseases, the physiological defense reaction of organisms and associated problems. A Master thesis project is available in the department of Virus-Host Interaction (head: Prof. W. Brune). Our group is an international group with English as the official language.

Project: **“Cytomegalovirus host range factors involved in interferon regulation”**

In our lab we investigate host restriction factors involved in cytomegalovirus replication and cross species infection. This project aims to identify the role of a cytomegalovirus host range determinant in viral pathogenesis and regulation of innate immune responses.

### We offer:

- Supervision by an experienced scientist
- Teaching of cutting-edge methods in molecular biology and virology
- Independent conduction of experiments throughout the duration of the research project

### We seek:

- A highly motivated, team-oriented Master student with an interest in virology and previous experience in molecular biology techniques

If you are interested in undertaking a master thesis at the Department of Virus-Host-Interaktion or have further questions, please do not hesitate to contact Prof. Dr. Wolfram Brune ([wolfram.brune@leibniz-hpi.de](mailto:wolfram.brune@leibniz-hpi.de)) or Olha Puhach ([olha.puhach@leibniz-hpi.de](mailto:olha.puhach@leibniz-hpi.de)) with a short cover letter and CV. For more information please visit <https://www.hpi-hamburg.de/en/research-teams/research-departments/virus-host-interaction>.

Please send your application by **January 15th, 2019**. The anticipated start date of the project is January, February, or March 2019.

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