Medical Doctorate Thesis (f/m/d)
- Viral Immunology -

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, and physiological defence reaction of organisms. Our position is to be filled in the research department Virus Immunology (head Prof. Altfeld) in the group of Christian Körner.

Project: “Molecular mechanisms underlying the recognition of HIV-1-infected cells by natural killer cells”
Natural killer (NK) cells represent an integral component of the innate immune system with a critical involvement in antiviral immunity. Nevertheless, the underlying mechanisms how NK cells recognize virus-infected cells are not fully understood. This research project aims to identify molecular patterns that enable NK cells to exert a potent antiviral response against HIV-1-infected target cells. The information generated in this project may provide crucial information, which could be used in novel immunotherapeutic interventions and HIV “cure” approaches.

We offer:
- Intellectual and practical supervision by postdoctoral research fellows
- Independent conduction of the experiments of the research project
- Teaching of state-of-the-art technologies in immunology, virology and cell biology
- Student assistant salary
- International environment with English as official language

We seek:
- Highly motivated, team-oriented medical students (f/m/d) with interest in immunology

The Heinrich-Pette-Institute promotes the professional equality between women and men. Therefore, especially women are encouraged to apply. Handicapped applicants will be preferred in otherwise similar qualification, competence and professional performance.

If you are interested in undertaking a medical doctorate thesis at the Research Department Virus Immunology or have further questions, please do not hesitate to contact Dr. Christian Körner (christian.koerner@leibniz-hpi.de) with a short cover letter and CV. For more information please visit http://www.hpi-hamburg.de/de/forschungseinheiten/abteilungen/virus-immunologie/.

Please send your application by February 29th, 2020. Anticipated start date of the project is Spring 2020.

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