

Job posting

Type of position

- scientific
 administrative

Target group

- graduates
 post docs
 other

Title PhD scholarship in the MOI-IV Manchot Graduate School

Institution The research program of the MOI-IV Manchot Graduate School focuses on the characterization and functional dissection of selected host-pathogen interactions at the molecular level and the mechanism that control immunological responses to infectious diseases. In doing so, it follows the highly successful approach adopted in the previous funding periods for MOI-I, MOI-II and MOI-III. The projects are located at the HHU Düsseldorf, Uniklinikum Düsseldorf and Forschungszentrum Jülich.

Position We offer one PhD position in the following project of the research area "Control of immune response to infection":

P18: Project 18: New Molecules of Infection of the Central Nervous System
Supervising Investigator: Prof. Philipp A. Lang, Institut für Molekulare Medizin II, UKD

Responsibilities The Manchot Graduate School Molecules of Infection IV (MOI-IV) offers an innovative, structured training and research program in a both stimulating and interdisciplinary field of medicine and biology. Highly motivated and excellent candidates holding a MSc degree in biology, biochemistry or related subjects are strongly encouraged to apply. The scholarship comprises inter alia a monthly allowance of 1,900 € over a period of 3.5 years as well as a budget for material expenses and financial support for the attendance of national and international conferences and for a temporary stay abroad.

Requirements The dissertation projects are cross-linked both in content and methodology. Within the scope of the MOI-IV qualification program, lectures, seminars and a lab rotation will provide the PhD students with thorough insight into the infection biology of the three big pathogen groups of viruses, bacteria and fungi/protozoa as well as into the host's immune response. In the course of the study program, the students will be enabled to acquire extensive professional key competences. A temporary stay abroad is an integral part of each dissertation project. Yearly MOI symposia offer a platform for presenting own research results and intensive scientific exchange. An

international scientific advisory board accompanies MOI-IV and supports the PhD students during their projects.

**Application
procedure
(deadline etc.)**

If you are interested to apply for the scholarships, please download the application documents on our website: <https://www.moi.hhu.de/en/open-positions>. Here you also find a detailed project description.

Deadline: 30th November 2020

Contact

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