MOI IV
MOLEKÜLE DER INFEKTION
MANCHOT GRADUIERTENSCHULE

Lea Geißl

Project P11:
The role of m6A-mRNA-modification during the infection of *Ustilago maydis*

MOI IV fellow since: October 2020

PhD student at:
Institute for Microbiology

Main supervisor:
Prof. Michael Feldbrügge

Nationality:
German

Advantages of being an MOI IV fellow:
For me the greatest advantage of being a MOI IV fellow is having the opportunity to learn not only about my research topic of RNA regulation in a fungal model pathosystem but the curriculum with lectures and seminars that will give me a broad overview on immunology and medical biology. Thus, we will gain complex understanding of infection biology and benefit from the exchange with other fellows from different countries with different scientific background. Furthermore, I am really happy to get the chance to stay aboard, which will broaden my horizons.

Personal interests/motto:
Reading, Cycling, Board games, Cooking

Educational background:
Master of Science, Heinrich-Heine University, Master thesis at the Institute for Microbiology
Bachelor of Science, Heinrich-Heine University, Bachelor thesis at the Institute for Transplantation Diagnostics and Cell Therapeutics, University Hospital Düsseldorf:

Research and work experience:
- Student assistant at the AML-BMF Laboratory (University Clinic, Essen)
- Internship at the Department of eye immunology (University hospital Cologne): Investigating the regulation of the translocator protein TSPO in microglia cells.
- Internship at the Sainsbury Laboratory (University of Cambridge, UK): Study stomatal development in different *Arabidopsis thaliana* accessions using GUS reporter lines.

Research assistant at the Institute for Microbiology (Heinrich-Heine University): Visualize the mating process of *Thecaphora thlaspeos*.