



# Alina Polifke

**eMail address:**

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**Nationality:**

German

**Phd student at:** Institute of Medical Microbiology and Hospital Hygiene

**Main supervisor:** PD Dr. Dr. Patrick Finzer

**Project title:** Characterization of the interaction between the bacterial microbiome and its metabolites with HPV-driven cancer progression

**Research focus:** During my PhD project I would like to contribute to the investigation of the mechanisms of HPV clearance and persistence, as well as HPV-driven cancer development. I focus on investigating whether and how certain commensal and pathogenic germs and selected bacterial metabolites influence HPV positive cell lines regarding their oncogene expression, viability and proliferation.

**Personal interests & motto:** Scouting, Horse riding, Photography  
Motto: The chances may be low, but never zero

**Advantages of being a MOI V fellow:** I am looking forward to starting my PhD as an Associated Researcher of the MOI-V graduate program. The program offers many opportunities for further scientific training through lectures and workshops. In addition, it offers a large network of scientists from different areas of infection research with a lot of personal contact during the lab rotations, seminars and symposia, which enables a diverse exchange and discussion space.

**MOI V fellow since:** 06/2024

