

The Institute for Hygiene and Microbiology of the University Würzburg combines clinical diagnostics, hygiene and state of the art research in infectious diseases with services in patient care. The Chair for Medical Microbiology and Mycology is among the internationally leading centers for the diagnosis of invasive fungal infections. Our research focusses on epidemiology and diagnosis as well as infection biology of human pathogens with a major focus on invasive fungal infections to strengthen our team, we invite talented and motivated candidates to apply for a:

Doctoral Researcher (PhD, f/m/d)

(TVL-E13, 50-65% part-time employment).

The position is available immediately and the successful candidate will perform cutting-edge basic and applied research in the area of human fungal infections. Work will be performed in an experienced team of basic scientists and physician scientists in an internationally visible research group in medical mycology. The successful candidate will be aided by experienced postdoctoral researchers in the lab and work together with fellow PhD and MD students.

Your research tasks:

- Analysis of host-pathogen interaction between fungal pathogens and immune cells
- Modulation of antifungal activities of immune cells
- Live cell imaging of host-pathogen interactions
- Immune evasion strategies of fungal pathogens
- Identification and characterization of genetic risk factors for fungal infections

Your profile

- Interest in infection biology and immunology
- MSc (or equivalent) in natural sciences (Biology, Biochemistry or related fields) - candidates in the final stages of obtaining their degree are eligible to apply
- background in microbiology, biochemistry, cell biology, immunology or related fields
- Experience in cell culture methodologies, molecular biology/genetics or flow cytometry is advantageous

The Julius-Maximilians-University of Würzburg is an equal opportunities employer and places emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply. The Julius-Maximilians-University of Würzburg intends to raise the number of disabled persons in its employment. In the case of equally qualified applicants, disabled persons will be preferentially considered.

Applications should be submitted in English or German and should include a letter of interest, curriculum vitae, a complete list of publications, copies of certificates, names of up to three academic references. Applications should be submitted as a single pdf file by e-mail (subject line: PhD_2019) to:

sekretariat-kurzai@hygiene.uni-wuerzburg.de

