



At the Center for Innovation Competence (ZIK), Department of Host Septomics , a position are available as

Doctoral Researcher (m/f/d)

(reference number: DM25/2021), initially limited to 3,5 years

The C-Type Lectin Receptor (CTR) family receptors recognize a wide range of fungal cell wall components and play an important role in the fine tuning of immune responses.

We are investigating the impact of different C-Type Lectin receptors on the regulation of *C. albicans*-mediated immune responses at the molecular level, in cell models, and in animal models of *C. albicans* infection. Aspects of different innate immune cell responses will be addressed by making use of molecularbiological techniques as well as proteomics and genomic sequencing coupled with computational pipelines to decipher the impact of the receptor-*Candida* interaction in vitro and in different murine models. The project is part of the DFG-funded Collaborative Research Centre/Transregio 124 –FungiNet: Pathogenic fungi and their human host: Networks of interaction.

our offer:

We offer a modern workplace with state-of-the-art labs and equipment, a highly dynamic team in a thriving research environment with an energetic scientific network, participation in the structured graduate program of the Jena School of Microbial Communication.

Requirements:

- » a Master's degree (or equivalent) in life sciences, ideally with a background in microbiology and immunology
- » desirable methodological skills: standard microbiology and molecular biology techniques, cell culture, flow cytometry; experience in working with laboratory mice is advantageous but not required
- » the ability to work creatively and independently towards developing your own research project
- » an integrative and cooperative personality with excellent English communication skills, both, written and spoken

Your contact:

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Apply online
until 23.07.2021
via our job portal
www.uniklinikum-jena.de/Karriere