

Job advertisement

Vacancy ID: 225/2021

Closing date: 08.08.2021



**FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA**

Friedrich Schiller University is a traditional university with a strong research profile rooted in the heart of Germany. As a university covering all disciplines, it offers a wide range of subjects. Its research is focused on the areas Light—Life—Liberty. It is closely networked with non-research institutions, research companies and renowned cultural institutions. With around 18,000 students and more than 8,600 employees, the university plays a major role in shaping Jena's character as a cosmopolitan and future-oriented city.

The SEPTOMICS research center in Jena (www.septomics.de) seeks to fill the position of a

Doctoral Researcher Microbiology/Molecular Biology (m/f/d)

commencing on 01.10.2021. We offer a part-time position (65%), limited until 30.09.2024.

The Junior Research Group Host Fungal Interfaces performs state of the art research to investigate the pathogenesis of *Candida albicans*, the most common organism associated with fungal sepsis. *C. albicans* is under most circumstances a fairly ubiquitous commensal of the human microflora. In certain cases the fungus can become pathogenic. The aim is to identify factors and conditions that foster the transition from a harmless colonizer to an aggressive pathogen. With this regard the research group focuses on the regulation of metabolic adaptation processes that are required for successful growth and infection of the human host.

Your responsibilities:

You will investigate virulence traits of the opportunistic pathogenic yeast *C. albicans* and specifically focus on phenotypic and genetic analysis of *C. albicans* kinase deletion mutants.

Your profile

- Master's degree (or equivalent) in Life Sciences (e.g. Biology, Microbiology, Biochemistry)
- Strong background and skills in microbiology, molecular biology and/or biochemistry.
- Interest in fungal biology and fungal genetics
- Very good communication skills in English and a high motivation to perform team-oriented as well as independent work are absolutely necessary

We offer:

- A multifaceted scientific project supported by excellent technical facilities
- A place in an international, committed team, as well as strong scientific collaborations
- Scientific qualification: your doctorate
- Membership in the DFG-funded CRC / Transregio "FungiNet" (www.funginet.de)
- Excellence Graduate School JSMC (www.jsmc.uni-jena.de) and a Graduate Academy
- Remuneration based on the provisions of the Collective Agreement for the Public Sector of the Federal States (TV-L) at salary scale E13 (depending on the candidate's personal qualifications).

Candidates with severe disabilities will be given preference in the case of equal qualifications and suitability.

Are you eager to work for us? Then submit your detailed written application (CV, certificates, a brief statement of research experiences and interests, a complete list of publications, the addresses of two possible referees), preferably by email (one PDF file), stating the vacancy ID 225/2021 by 08.08.2021 to:

ZIK Septomics, Dr. Slavena Vylkova, Albert-Einstein-Str. 10, 07745 Jena,

E-Mail: septomics@leibniz-hki.de

Since all application documents will be duly destroyed after the recruitment process, we ask you to submit only copies of your documents. For further information for applicants, please also refer to www4.uni-jena.de/stellenmarkt_hinweis.html (in German) Please also note the information on the collection of personal data at www4.uni-jena.de/en/jobs_information_collecting_personal_data.html