

Job advertisement

Vacancy ID: Microverse/JSMC Postdoc 02/2024

Closing date: 15.04.2024



FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA

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

The core mission of the [Cluster of Excellence "Balance of the Microverse"](#) of the Friedrich Schiller University Jena is to elucidate fundamental principles of the interactions and functions in microbial communities in diverse habitats, ranging from oceans and groundwater to plant and human hosts. We aim to identify the shared characteristics of disturbed or polluted ecosystems as well as infectious diseases on the microbiome level, and develop strategies for their remediation by targeted interventions. The affiliated early career program of the *Jena School for Microbial Communication* (JSMC) offers an ambitious, structured and interdisciplinary post-graduate training based on top-level fundamental research.

The Cluster of Excellence *Balance of the Microverse* invites applications for a

Postdoctoral Researcher Position in Microbial Communication (m/f/d)

We offer a full-time position (40 hours per week) that is initially limited until 31.12.2025.

Hyphae are formed in soil by fungi as well as streptomycete bacteria. We want to investigate their impact on microbial communities with studies including FISH, RNAseq, proteome, metabolome and GMO strains combining the model basidiomycete *Schizophyllum commune* with a model streptomycete, *Streptomyces mirabilis*. The combination of advanced microscopy with transformation and modern -omics presents unique potential to advance your skills.

Your responsibilities:

- Pursue top quality research in exceptionally well-equipped laboratories.
- Work in an interdisciplinary team of microbiologists and integrate into the Graduate School and Cluster of Excellence consortium.
- Contribute to the development of the project, as it evolves.
- Produce high-quality written reports and draft papers. Present your results at international and national conferences and at local meetings and outreach events.
- Assist with training other researchers, including PhD candidates, Masters' and undergraduate project students.
- Contribute to maintaining the friendly, welcoming and collaborative environment within the group.

Your profile

- A PhD (or equivalent) in biology or natural sciences. Candidates in the final stages of obtaining their doctorate are also eligible to apply.
- Excellent background in microbiology and/or molecular biology
- Desired skills include -omics, cell biology and/or morphological studies using soil fungi and bacteria



- Highly motivated individuals with an interest in joining one of the interdisciplinary research areas of the Microverse Cluster
- The ability to work creatively and independently towards developing your own research project
- An integrative and cooperative personality with enthusiasm for actively participating in the dynamic Microverse community
- English communication skills, both written and spoken
- Good/Basic knowledge of microbiology
- Experience in microbial interactions would be desirable

Are you hesitating because you don't meet one or some of our requirements? Please do not hesitate to apply and give us a chance to get to know you.

We offer:

- A highly communicative atmosphere within an energetic scientific network
- A comprehensive mentoring program and soft skill courses for early career researchers
- [Jena – City of Science](#): a young and lively town with a vibrant local cultural agenda
- A family-friendly working environment with a variety of offers for families: University Family Office 'JUniFamilie' and flexible childcare ('JUniKinder')
- University health promotion and a wide range of university sports activities
- Attractive fringe benefits, e.g. capital formation benefits (VL), Job Ticket (benefits for public transport), and an occupational pension (VBL)
- Remuneration based on the provisions of the Collective Agreement for the Public Sector of the Federal States (TV-L) up to salary scale E 13 (depending on the candidate's personal qualifications) including a special annual payment in accordance with the collective agreement
- 30 days of vacation per calendar year plus two days off on December 24 and 31

The advertised full-time position is (initially) limited until 31.12.2025. The position will be funded through the Excellence Strategy of the German federal and state governments or the Carl Zeiss Foundation. A part-time contract can be discussed. To promote gender equality in science, applications by women are especially welcome. Candidates with severe disabilities will be given preference in the case of equal qualifications and suitability.

Are you eager to work for us? Then apply by **15.04.2024** using our online form.

[Online application](#)

For further information on your application and the collection of personal data, please refer to our [Privacy Statement for Applicants](#)