

Job advertisement

Vacancy ID: 171/2026

Closing date: 26.07.2026



The Friedrich Schiller University Jena is a dynamic and innovation-driven university centrally located in Germany. With a broad range of disciplines, it shapes the future through excellent research and teaching. Its scientific excellence is reflected in the profile areas **Light – Life – Liberty**, which provide pioneering insights and sustainable solutions for the society of tomorrow. Through close collaborations with leading research institutions, innovative companies, and renowned cultural organizations, it advances interdisciplinary developments. With around 17,000 students and approximately 10,000 employees, it defines Jena as a vibrant, internationally connected city of science and innovation.

The Institute of Microbiology at the Faculty of Biosciences seeks to fill the position of a

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

commencing on 01 October 2026. We offer a part-time position (65%, 26 hours per week), with a fixed-term employment until 30 June 2030.

The DFG-funded Collaborative Research Centre 1768 "VirusREvolution: Decoding tools for virus research" is a highly ambitious research centre at Friedrich Schiller University with the joint goal to develop novel tools for virus discovery, characterisation, regulation, interaction, and visualisation (<https://virusrevolution.uni-jena.de/>). Its integrated research training group is educating doctoral researchers in a structured, interdisciplinary training program and invites applications for doctoral and postdoctoral researcher positions in various fields of research.

In this doctoral project "Isolation and Functional Engineering of *Klebsiella* Phages", you will purify, characterize and modify bacteriophages of the human opportunistic pathogen *Klebsiella pneumoniae*.

Your responsibilities:

- Research in bacterial and phage genetics and RNA biochemistry to establish a genetically and functionally diverse panel of *Klebsiella* bacteriophages and to define the molecular determinants of phage-host interactions
- Participation in the Collaborative Research Centre VirusREvolution and close collaboration with the project partners
- Engage in regular discussions with other group and project members
- Collaborate with BSc and MSc students working in associated projects
- Publish papers and present your work at national and international scientific meetings

Your profile

- A highly motivated candidate with a Master of Science or equivalent degree in molecular biology, microbiology, biochemistry, or a related discipline
- Experience in bacterial genetics and molecular cloning are required
- Prior knowledge in phage biology, RNA biology, and high-throughput biological data analysis is desirable
- Strong analytical thinking and problem-solving
- Ability to work independently and in a collaborative team
- Excellent skills in English are required, both written and spoken

We offer:

- Embedding in a cross-disciplinary, young research group and a large, ambitious research consortium
- Affiliation to an Integrated Research Training Group, offering close support and a comprehensive education program for hard skills and transferable skills, supported by the Jena Graduate Academy

- A family-friendly working environment with a variety of offers for families
- University health promotion and a wide range of university sports activities
- 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—, 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

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 **26. July 2026** 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](#)