

# Job advertisement

Closing date: 23 September 2019



FRIEDRICH-SCHILLER-  
UNIVERSITÄT  
JENA

At the Faculty of Chemistry and Earth Sciences of the Friedrich Schiller University Jena, Germany, a newly established

## Full Professorship (W3) for Biostructural Interactions

will be filled.

We seek applications from researchers with an excellent publication record and experience in biological structure formation relating to intercellular (chemical) communication. Successful candidates will pursue an ambitious research program in the area of characterization and functional analysis of (sub-)cellular structures, that mediate the contact, signal transduction and/or chemical exchange within microbial communities as well as with their environment and host organisms. Of special interest are structures and mechanisms of directed information transfer, such as pili, gated channels, or vesicles.

The professorship will become a member of the newly established Cluster of Excellence *Balance of the Microverse* ([www.microverse-cluster.de](http://www.microverse-cluster.de)). *Balance of the Microverse* fosters expertise in life sciences, optics and photonics, material and computer sciences in order to investigate the influence of microbiomes on diverse habitats, to derive general regulatory principles, and to enable their application. Members of the cluster benefit from an interdisciplinary imaging center, support in data analysis, and integrated support for junior researchers within its graduate program, the *Jena School for Microbial Communication*. Applicants are expected to have experience in the successful acquisition of third-party funding and to have demonstrated leadership skills.

Prerequisites for this position include the Habilitation or an equivalent academic qualification as well as academic teaching skills. The successful candidate will be appointed permanently as a civil servant if legal requirements are met. Adequate contributions to university teaching in relevant study programs within the Faculty are expected.

Jena offers a highly attractive research environment with an integrative network of physical and life science research groups that is characterized by close cooperation between the university, external research institutes, and local biotech companies. It is expected that the new professorship will actively contribute to shaping the campus profile and will extend and intensify collaboration.

The Friedrich Schiller University Jena aims at increasing participation of women in science and teaching and therefore specifically encourages qualified female researchers to apply. Equally qualified applicants with disabilities will be given preference.

For further information to the procedures please contact the dean of the Faculty of Chemistry and Earth Sciences, Prof. Dr. Alexander Brenning ([dekanatchemgeo@uni-jena.de](mailto:dekanatchemgeo@uni-jena.de)). For further information on the Cluster of Excellence please contact its spokesperson, Prof. Dr. Axel Brakhage ([axel.brakhage@uni-jena.de](mailto:axel.brakhage@uni-jena.de)).

Applications preferably in English with the necessary supporting documents (letter of motivation, curriculum vitae, copies of academic certificates, documentation of teaching experience including evaluation reports, full publication list, five copies of representative



research papers, list of research funding, research plan) are to be submitted electronically in a single .pdf file until **23 September 2019** to:

**Friedrich Schiller University Jena**  
**Dean of the Faculty of Chemistry and Earth Sciences**  
**Humboldtstr. 11**  
**D-07743 Jena**  
**[dekanatchemgeo@uni-jena.de](mailto:dekanatchemgeo@uni-jena.de)**