

Job advert

Reg.-Nr. 110/2019

Apply by 31.05.2019



FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA

Friedrich Schiller University Jena connects people and ideas, science and business, universities and non-university research institutions. Rooted in the heart of Germany and connected throughout the world, the university and its partners shape a lively and productive scientific and economic region.

At the Otto Schott Institute for Materials Research, Chair of Materials Science at the Faculty of Physics and Astronomy of Friedrich Schiller University Jena, one position for a research assistant (m/f/d) (**PhD student**) for 30 hours/week is vacant as of **15.06.2019 or later**.

Research focus for the position is:

- **Creation and understanding of protein nanofibers and protein nanofiber based scaffolds**

We offer

- Opportunity for further academic qualification (e.g. doctorate)
- Scientific and soft-skill training
- Use of state-of-the-art equipment and infrastructure
- Pleasant working environment in an interdisciplinary and international research team
- Collaboration opportunities with other groups and institutions
- City with high quality of life and pleasant surroundings
- Employee benefits, e.g. capital-building benefits, job ticket (discounts for public transport), company pension scheme (VBL)
- A current and exciting research field with ample opportunities to employ creativity
- University health promotion and a family-friendly working environment with flexible working hours
- Salary in accordance with the pay scheme for the civil service of the Länder (TV-L) according to previous qualifications and experience up to pay group 13.

Required qualifications

- A recently obtained university degree (MSc or diploma) in materials science (preferred), or experimental polymer physics or physical/organic chemistry or biochemistry with excellent study results
- Research experience in one or more of the following fields:
 - Materials science
 - Biomaterials
 - Proteins and/or biopolymers
 - Tissue regeneration
- Research experience in the field of materials fabrication (protein based materials, biomaterials, scaffolds, polymers, polymers, hydrogels) and materials characterization (AFM, DLS etc.)
- Excellent oral and written English and/or German language skills
- Communication and didactic skills



Main tasks

- Fabrication/synthesis of protein nanofibers
- Creation, characterization and understanding (structure-property relationships) of degradable protein nanofiber based scaffolds
- Development of new, groundbreaking materials concepts
- Participation in the preparation of applications for third-party funding and in project management
- In addition, the applicants are expected to work on their further scientific qualification, e.g. a doctorate.

The position is initially for 2 years (part time, 75%).

Disabled persons with identical aptitude, skills and professional qualifications will be given preferential consideration.

Applications with complete application documents (declaration of motivation, curriculum vitae, list of publications, summary of research experience, date of availability, as well as the names of three references) are to be submitted **electronically in one PDF document**, stating the registration number **110/2019** by **31 May 2019**:

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Please also note our applicant information at: www.uni-jena.de/stellenmarkt_hinweis.html Please also note the information on the collection of personal data at: www.uni-jena.de/Universität/Stellenmarkt/Datenschutzhinweis.html