Job advertisement

Vacancy ID: 296/2022
Closing date: 01.10.2022

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 Professorship of Materials Science at the Otto Schott Institute for Materials Research seeks to fill the position of a

Postdoctoral Researcher in Organic Materials Science

commencing on **01. December 2022.**

We offer a full-time position (40 hours per week), initially limited until 30.11.2024 (extension possible).

The Professorship of Materials Science focuses on biomaterials research and development. Antimicrobial biomaterials, protein-based materials and nano biomaterials are at the centre of our research interest.
As our new 'Postdoctoral Researcher' you are responsible for the creation, characterization and testing of novel cutting-edge biomaterials and for developing new biomaterials concepts. You play an important role contributing to the success of our new DFG Research Training Group (RTG) 2723 in Antimicrobial Biomaterials, cooperating closely with DFG Collaborative Research Center (CRC) 1278 PolyTarget that both attract outstanding young researchers. In addition to excellent research, you will be involved in undergraduate and graduate teaching of materials science students and doctoral researchers.

Your responsibilities:

- Develop and characterize new protein-based biomaterials, novel antimicrobial materials and nano biomaterials
- Conduct interdisciplinary research
- Actively and effectively contribute to the development of the project in research, training and organization of the RTG and the research of the CRC
- Develop your own research and cooperate and support within the project
- Produce high-quality written manuscripts for publication and support publications
- Assist with training other researchers, including masters' and undergraduate project students and conduct teaching activities
- Support the development of new research projects
- Develop your own scientific qualification, e.g., a habilitation or similar

Your profile

- An excellent Ph.D. degree in one of the following areas: biomaterials science, organic chemistry, applied biochemistry, physics, biophysics, protein science and technology
- Specialist knowledge in at least three of the following areas: biomaterials, protein-based materials, nanoparticles, materials design, synthesis and characterization, different microscopy and spectroscopy techniques, knowledge in organic chemistry, handling and safety of chemicals.
- Experience in interdisciplinary research and publication and presentation of results, results oriented personality
- Experience in undergraduate and graduate student teaching
- The ability to work creatively and independently towards developing your own research project and collaborate with DRs of other disciplines

- An integrative and cooperative personality with enthusiasm for actively participating in the dynamic RTG community
- Outstanding English communication skills, both written and spoken. German language skills are an advantage. Willingness to learn the German language is essential.

We offer:

- An exciting and cutting-edge field of research and teaching. An exciting and flexible scope of activities with creative freedom
- Participation in diverse experimental and theoretical research projects with a strong interdisciplinary nature at the interface between materials science and life science.
- Involvement in national and international networks of universities, research institutes and industrial companies
- State of the art equipment and infrastructure to facilitate excellent research
- Participation in international conferences
- The chance to help shape pioneering developments at a modern and at the same time traditional university covering all disciplines / A secure job in the 'City of Light' Jena with attractive leisure and recreational offers / A secure job at a modern and at the same time traditional university covering all disciplines
- Flexible working hours (flexitime and, if applicable, teleworking)
- A comprehensive further and continuing education programme and individual qualification and development opportunities
- A Graduate Academy for doctoral candidates and postdocs and a dedicated mentor
- 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) at salary scale XX — depending on the candidate's personal qualifications—, including a special annual payment in accordance with the collective agreement.

The advertised position is (initially) limited to 2 years with the possibility of extension.
This is a full-time position (40 hours per week).

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

Are you interested to work for us? Then submit your detailed written application including cover and motivation letter, full CV, publication record and a minimum of two letters of reference, by email (one PDF file), stating the vacancy ID 296/2022 by 15. October 2022 to:

Prof. Dr. Klaus Dieter Jandt
Friedrich-Schiller University Jena
Otto Schott Institute of Materials Research
Professorship of Materials Science

k.jandt@uni-jena.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