



The research group INSPIRE (Center for Sepsis Control and Care) invites applications for a **PostDoc (wissenschaftlicher Mitarbeiter (m/f/d))**

Our interdisciplinary and active team is offering a position for a talented and highly motivated PhD candidate with special interest in immune biology, stem cells and microphysiological systems (e.g., organ-on-chip). The Research Group INSPIRE is part of the Interdisciplinary Center for Sepsis Research and is funded by the DFG, the BMBF, and the EU. Our research interests are on the molecular mechanisms of inflammatory and infectious diseases. In the research project imSAVAR (Immune Safety Avatar) funded by the European Commission, we are developing next generation Organ-on-chip Systems for the study of novel immunomodulatory therapies. The project aims to identify adverse effects of new therapies on the immune system, the development of new biomarkers for the diagnosis and prognosis of immune-mediated pharmacological effects and toxicities, and research into mechanisms of toxicity. The interdisciplinary consortium comprises 28 international partners from eleven countries and includes university and non-university research institutes, pharmaceutical and biotechnology companies and regulatory authorities. The project will focus on the development of organ-on-chip models and tailored application methods.

We welcome applications from candidates fulfilling the following criteria:

- Excellent PhD in cell biology, molecular medicine, immunology, bioengineering or related natural sciences
- Experience in stem cell biology and differentiation, experience in working with organ-on-chip will be a plus
- Practical and theoretical experience in isolation and sub cultivation of immune cells
- proven track record of publications
- Very good language proficiency in English
- Candidates with a high level of motivation, enthusiasm, excellent communication and teamwork skills

Interested candidates should submit the following documents:

- Curriculum vitae
- Cover letter describing your motivation to work with us
- List of publications

Salary: according to TV-L
starting: March 2020
Term of employment: limited to 3 years

At the 25 institutes and 26 clinical centers of Jena University Hospital, the scientists and physicians work both in the fields of fundamental biomedical research and in patient-related clinical research. There are two main aspects that make a university hospital different from non-university hospitals: ambitious research on the highest level and top quality education of students.

We offer an outstanding interdisciplinary research environment as well as:

- Interaction in a young and motivated research team
- Multidisciplinary projects in the area of immunology, medicine, bioengineering, infection biology and pharmacy
- State-of-the art instrumentation and modern workplaces of excellent quality
- Opportunity for research on an innovative and worldwide unique research platform
- A communicative atmosphere within a scientific network providing top-level research facilities
- educational and other family related benefits
- company pension scheme (VBL)
- The place of work is Jena, Germany, a young and lively university town with dynamic business activities, successful scientific centers of innovation, and a vibrant cultural scene around a university with a rich tradition

To apply, send your application letter, a detailed CV, publication list, contact details of at least 2 referees and certificates. We look forward to receiving your application.

To apply online for this vacancy please visit: www.uniklinikum-jena.de/Karriere

Reference number: DM10/2020 (internal and external)

Application deadline: 03 March 2020

In case of equal qualification, persons with disabilities will be given priority.

For more information please contact PD Dr. Alexander Mosig (Tel.: 03641-9390910; email: alexander.mosig@med.uni-jena.de).