



With more than 25 departments and 13 institutes (1,150 beds), the University Medical Center Ulm is a leading health care provider in southwest Germany. We provide inpatient treatment to about 44,000 patients each year. Our outpatient cases amount to approximately 60,000. We attach great importance to qualified employees who ensure extremely high quality in the treatment of our patients by the use of the latest scientific knowledge and who enjoy their work.

The University Medical Center Ulm, Department of Pediatrics and Adolescent Medicine (Head: Prof. Dr. K.-M. Debatin) is offering a

Postdoctoral Scientist / PhD position

in the field of Trauma and Immunoregulation to be filled immediately.

The topic to be investigated is:

“The role of myeloid-derived suppressor cells in trauma”

The project is part of the newly founded Collaborative Research Center “Danger Response, Disturbance Factors and Regenerative Potential after Acute Trauma” (SFB 1149) of Ulm University. Our laboratory is interested in the immunoregulatory functions of MDSCs, a population of immature myeloid cells suppressing innate and adaptive immune responses. The project will elucidate on cellular and molecular levels whether and how MDSCs change the immune response after traumatic injuries, such as blunt chest trauma and femur osteotomy. Ultimately, the aim is to determine whether interference with MDSC development is a possible therapeutic option after trauma induction.

Our requirements:

- PhD degree / master degree in Biology, Molecular Medicine or Biochemistry
- Strong interest and experience in cellular immunology
- Willingness to perform mouse experiments is essential
- Work flexibility and the ability to perform research in a team
- Excellent intrapersonal and communication skills in written and spoken English

We offer:

- The opportunity to work in a highly motivated and friendly team
- Experience in advanced immunological techniques, including multiparameter flow cytometry, T cell immunity, animal models and cell transfer studies
- Opportunity to attend international congresses
- Salary according to TV-L

Are you interested?

Applications including CV, certificates and contact data of two referees should be emailed as a single PDF to PD Dr. Gudrun Strauß; gudrun.strauss@uniklinik-ulm.de.

Contract type: **temporary**
Reference-code **103185**

Level of employment: **full-time / part-time**
Application deadline: **15.03.2015**

A subsequent employment is possible. Employment takes place through the administration department of the University Medical Center Ulm, which acts in the name and on behalf of the federal state of Baden-Württemberg. Handicapped people with equal qualifications will be employed preferentially. In general, full-time positions are divisible.

