

The Department of Pediatrics and Adolescent Medicine is offering a position for a

PhD student (m/f/d) in Immunometabolism

The position is open immediately in the laboratory of Prof. Dr. Pamela Fischer-Posovszky.

Project description:

Our research focus is the physiology and pathophysiology of adipose tissue. Besides mature adipocytes and their precursor cells adipose tissue harbors several other cell types, most notably different types of immune cells. Immune cell activation and response is bottlenecked by their cellular metabolism, which is regulated by hormones or hormone-like molecules. The goal of this project is to characterize novel adipocyte-released hormones and investigate their effects on immune cell activation and metabolism in the context of adipose tissue biology and obesity-related diseases.

What we offer:

We offer exciting disease-oriented research topics with high clinical relevance within an excellent scientific environment. You will be trained in state-of-the-art wet-lab, as well as data analysis skills to strengthen your scientific profile. We highly value scientific exchange at national and international conferences where you will have the opportunity to present your data. Salary and benefits are according to the German TV-L system (65%). We recommend PhD students to join the International Graduate School of Molecular Medicine Ulm (IGradU).

Candidates:

Applicants will hold an excellent M.Sc. degree or equivalent in biochemistry, molecular medicine, biology etc., are fluent in English, and have a strong motivation to address biological and medical questions with interdisciplinary approaches. Previous wet-lab experience is required.

Start of the project: immediately, July/August 2024

Please send your application as one merged PDF file containing a letter of motivation, CV, certificates and transcripts of grades (B.Sc., M.Sc., other degrees), to Dr. Ulrich Stifel and Prof. Dr. Pamela Fischer-Posovszky (Ulrich.stifel@uni-ulm.de). For more detailed information or questions, please get in touch via email.