

The Schraml team at the **Biomedical Center of the LMU Munich** is an international team of scientists with a passion for dendritic cells, immune development and neonatal immune homeostasis. We are enthusiastic about single cell technologies and understanding cell fate decisions and seek support from a

Postdoc (m/f/d) in immunology

Early immune balance is essential for survival and the establishment of life-long immune homeostasis. Tissue microenvironments drive immune cell function but in early life tissues are still developing. We aim to define how the developing tissue stroma contributes to creating immune balance. The project will employ transgenic mouse models to visualize and genetically manipulate stromal cells and dendritic cells. By combining innovative single cell technologies (transcriptomics and flow cytometry), high-end microscopy and functional analyses of dendritic cells *in vitro* and *in vivo* the project aims to define how the interaction of stromal cells and dendritic cells shapes immunity. More information about our interests: <https://www.schraml-lab.de/>

Profile:

- A strong background in immunology or stromal cell biology
- Enthusiasm for innate immunity and immune development
- Experience with mouse models, multiparameter flow cytometry and/or multiparameter microscopy
- Expertise in stromal cell biology is a plus
- Experience in R or Python and analysis of single cell transcriptomics is a plus
- Proficiency English is required, proficiency in German is a plus
- Doctoral degree (Immunology, Biomedicine, Physiology or the like)
- Willingness to take on tasks associated with a high degree of responsibility

We offer:

- An enthusiastic international team in a dynamic research environment
- Excellent infrastructure and core facilities
- Challenging and diverse tasks associated with a high degree of responsibility
- Opportunity to teach and possibility of "Habilitation" at LMU Munich
- Research at the Biomedical Center and the research Campus Grosshadern is supported various national and international research networks
- Offers to support compatibility of family and work
- Full-time position, salary based on German public service scale (TV-L)

Enquiries and applications directly to Dr. Barbara Schraml (barbara.schraml@bmc.med.lmu.de). **Quote: PD23.** Please include merged in a single pdf file: a short statement of research interests and why you chose to apply for this position, CV, list of publications, as well as names and contact information of three references. Severely disabled applicants will be preferentially considered in case of equal qualification. **Call closes 10.03.2023.**