The Helmholtz Zentrum München in Munich, Germany, is member of one of the leading research associations in Europe - the Helmholtz Association of German Research Centers. The aim of our research is to proactively detect health risks involving humans and the environment, decoding the mechanisms of pathogenesis and developing concepts for prevention and therapy.

The Research Groups "Dynamics of pulmonary inflammation" and "Immunopathology of COPD" in the Institute of Lung Biology and Disease (iLBD) focuses inflammatory lung diseases, in particular environmental and cigarette smoke-related chronic obstructive pulmonary disease. COPD is difficult treatable, therefore, the iLBD focuses on investigating the mechanisms of the development of the disease and of developing new therapeutically targets. For this purpose iLBD offers a position at the earliest possible date for a

**PhD Position in Pulmonary Research (f/m)**

**Job Description**
- Identification and analysis of immune cells in different models of pulmonary inflammation in mice
- Handling of primary cell culture systems from the lungs
- Exposure of cell cultures and lung tissue slices to air pollutants
- Analysis of biological responses by molecular immunological and cell biological methods
- Data-mining in gene and protein-expression data bases linking toxicological response profiles to pathological outcomes

**Your Qualifications**
- Master or diploma in biology, medicine or related topics
- Good practical and theoretical knowledge in molecular biology and immunology
- Excellent communication skills in spoken and written English (German desirable, but not required)
- High level of motivation, self-dependent and diligence in an international team

**Our Offer**
At the Helmholtz Zentrum München, you can contribute together with leading researchers to the investigation of the development, prevention and treatment of environmental diseases such as diabetes, chronic lung diseases and allergies. In order to further promote your professional development, we offer extensive and targeted research training and career programmes. We support the reconciliation between work and private life with flexible working time models, occupational health management, day care facility for children, a childcare subsidy, Elder Care, as well as other counseling and support services.

Remuneration and benefits are in accordance with the collective agreement for the public service (EG 13 50% TV EntgO Bund). In addition, there is also the possibility of granting an allowance amounting to 15% if the necessary conditions are fulfilled.

The position is (initially) limited to three years.

The activity involves special knowledge and
experience specific to own scientific skills.

As a holder of the Total E-Quality Award, we promote equality of opportunity. In order to increase the proportion of women in management positions, we would be pleased to receive corresponding applications. Qualified applicants with physical disabilities will be given preference.

Apply now

Silke Lauer
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