

# HelmholtzZentrum münchen

German Research Center for Environmental Health

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.

Structurally embedded in the Technical University (TUM/MRI) and the Helmholtz Center Munich, the Center of Allergy & Environment (ZAUM) conducts basic immunological research with the clear scope of clinical application. The institute profits from the clinical input and material transfer provided by the clinics of the Technical University, as well as from an environment of cutting edge technology and diverse experimental platforms provided by the Helmholtz Center.

## Who we are:

The Ohnmacht lab is primarily interested in interaction between the intestinal microbiota and the host immune system. Particularly, we are interested how immunological tolerance is established and maintained at mucosal barriers (Science 2015, Trends Immunol. 2016, Nat comms. 2017). We aim to identify both genetic pathways and mechanisms regulating immunological tolerance on the host side and microbial signatures enforcing a healthy host-microbiome symbiosis on the microbiome side.

For our ERC-funded research project we are currently looking for a

## Postdoc (f/m) in Basic Immunology<sup>2017/0508</sup>

### Job Description

- Plan and conduct basic immunology research in a well-equipped lab
- Creative use of in vitro and in vivo disease models
- Implementation and analysis of novel techniques
- Supervision of technical stuff and PhD/master students
- Writing of scientific manuscripts and proposals

### Your Qualifications

- PhD or equivalent in biology, biochemistry or related disciplines in less than three years

### 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.

- Profound knowledge in cellular immunology and molecular biology techniques
- Previous experience with mouse models (FELASA-B)
- Proven ability to conduct high impact research
- Enthusiasm and motivation to challenge scientific dogmas
- Excellent communication skills

Remuneration and benefits are in accordance with the collective agreement for the public service (EG 13 TV EntgO Bund).

The position is (initially) limited to two 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.

We are looking forward to receiving your comprehensive online application until December 30, 2017, including CV, motivation letter, copy of certificates and at least two reference letters.

[Apply now](#)

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The award highlights  
our commitment of  
gender equality.

[www.helmholtz-muenchen.de/en](http://www.helmholtz-muenchen.de/en)

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RESEARCH FOR GRAND CHALLENGES

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