

As German Research Center for Environmental Health, Helmholtz Zentrum München pursues the goal of developing personalized medical approaches for the prevention and therapy of major common diseases such as diabetes mellitus, allergies and lung diseases. To achieve this, it investigates the interaction of genetics, environmental factors and lifestyle.

One Postdoctoral position is available for a highly motivated individual at the Institute of Lungbiology "Cellular Therapeutics in Chronic Lung Disease" in the lab of Yuval Rinkevich. If you wish to identify fundamental cellular and molecular principles of tissue/organ regeneration, and to develop a knowledge basis for therapeutic strategies in clinical use we are looking forward to your application.

Our lab explores how tissues/organs regenerate following injury and at multiple levels of biological organization, from the level of whole organisms to the level of single cells. We employ state-of-the-art mouse genetics, multicolor "Rainbow" and Tetrachimera mouse models, surgery models in rodents, flow cytometry, cell and molecular biology approaches to pursue our diverse questions on how tissues/organs regenerate in nature, and what underlies the basis for the diversities of regeneration outcomes between different developmental stages, different organs, and taxon groups. Our work therefore carries both basic, clinical and evolutionary implications.

The Institute of Lungbiology is looking for a

Postdoctoral Position (f/m/d) in Stemcells, Regenerative Biology and Medicine 2019/0086

Job Description

- State-of-the-art mouse genetics
- Multicolor, Rainbow and Tetrachimera mouse models
- Surgery models in rodents Flow cytometry
- Cell and molecular biology approaches to pursue our diverse questions on how tissues/organs regenerate in nature, and what underlies the basis for the diversities of regeneration outcomes between different developmental stages, different organs, and taxon groups
- Microscopic/video visualization

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.

Your Qualifications

- Candidates should ideally have a background (Ph.D) in either cell/molecular biology, immunology, virology, stem cell biology, or developmental biology, and be firmly trained in standard techniques of molecular biology and cell biology

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

The position is (initially) limited until November 14, 2020.

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. Applications from women are welcome. Qualified applicants with physical disabilities will be given preference.

We are looking forward to receiving your comprehensive online application including:

- An updated CV and contact information (email, address, telephone number)
- Short summaries of your research interests and major accomplishments
- Names and contact information (email, address, and telephone number) of three references

[Apply now](#)

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Deutsches Forschungszentrum für Gesundheit und
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The award highlights
our commitment of
gender equality.

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RESEARCH FOR GRAND CHALLENGES

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