



**Our mission as research center:** Discover personalized medical solutions for environmentally triggered diseases to promote a healthier society in a rapidly changing world.

The aim of the **Institute of Experimental Genetics (IEG)** is to understand the mechanisms of human disease, especially in diabetes mellitus. In addition to genetics, the IEG explores the effects of environmental factors on disease pathogenesis. The German Mouse Clinic (GMC) is part of the IEG and internationally leading in systemic phenotypic analysis of genetic and environmental factors. A particular focus is on the development of databases and the application of modern bioinformatics methods to gain new insights from large data sets. The IEG is part of the Helmholtz Diabetes Center (HDC) and partner of the German Center for Diabetes Research.

## Scientist - Energy Metabolism Laboratory (f/m/x) 101328

 Full time

 Neuherberg near Munich

 Professionals


### Your responsibilities

- Phenotyping of mouse models using relevant methods such as indirect calorimetry, NMR, bomb calorimetry and metabolic cages
- Scientific expert in the field of energy metabolism/diabetes/obesity
- Establishment of new non-invasive technologies for phenotyping in the field of metabolism
- Working closely with colleagues with expertise in other disease areas, collaboration in the Helmholtz Diabetes Center and in the German Center for Diabetes
- Representation of GMC in the area of metabolism in international consortia and instruction of technical personnel

### Your qualifications

- PhD (natural sciences) with focus on metabolism/diabetes/obesity or related fields of research
- Knowledge of genetics/physiology of mice
- Publications in the field of metabolism/diabetes or related research areas
- Desirable: In-depth-experience in indirect calorimetry and NMR for phenotyping of mice
- Team player skills and enthusiasm to work in a multi-disciplinary, collaborative environment, excellent spoken and written English

### What we offer you

|  |   |                                    |   |
|--|---|------------------------------------|---|
| work-life balance                            |  | home office options                |  |
| flexible working hours & working-time models |  | on-site nursery & holiday care     |  |
| continuous education and training            |  | elder care                         |  |
| 30 days annual leave                         |  | company pension scheme             |  |
| on-site health management service            |  | discounted public transport ticket |  |

Munich, with its numerous lakes and its vicinity to the Alps, is considered to be one of the cities with the best quality of life worldwide. With its first-class universities and world-leading research institutions it offers an intellectually stimulating environment.

Provided that the prerequisites are fulfilled, a salary level up to E 14 is possible. Social benefits are based on the collective agreement for the federal public service (TVöD). The position is (initially) limited to 2 years, under certain circumstances an extension can be arranged.

To promote diversity, we welcome applications from talented people regardless of gender, cultural background, nationality, ethnicity, sexual identity, physical abilities, religion and age. Qualified applicants with physical disabilities will be given preference.

If you have obtained a university degree abroad, we require further documents from you regarding the recognition of the degree.

**Please request the recognition as early as possible.**

#### **Interested?**

If you have further questions, simply contact **Sibylle Neumann**, **+49 (0) 89 3187-3502**, who will be happy to be of assistance.

#### **Helmholtz Zentrum München**

**Deutsches Forschungszentrum für Gesundheit und Umwelt  
(GmbH)  
Institute of Experimental Genetics  
Ingolstädter Landstraße 1**

**85764 Oberschleißheim**



Award for excellent gender equality policy for women and men. Helmholtz Zentrum München is particularly committed to promoting professional equality between women and men. It therefore aims to increase the proportion of the underrepresented sex in the respective field.



The Helmholtz Zentrum München is part of the Helmholtz Association, Germany's largest scientific organization. Altogether 42.000 people currently work in its 19 scientific-technical and biological-medical research centers. The Association's annual budget amounts to around 5 billion Euros.