



MAX-PLANCK-GESELLSCHAFT



**We are looking for a**

## PhD-Position (m/f/d)

The Max Planck Institute of Immunobiology and Epigenetics and the University of Freiburg, Germany offers a PhD position in the group of Thomas Manke. The position is available for a three-year appointment.

### Your tasks:

You will be part of an interdisciplinary research training group (*MeInBio*), which aims at a dual education in bioinformatics and wet laboratory methods to explore the spatiotemporal dynamics of gene regulation using high-throughput and high-resolution methods. This specific project aims at understanding the regulatory control of neuronal differentiation at single-cell resolution. To this end, detailed molecular maps of histone modifications, transcription factor binding and chromatin accessibility will be generated, analyzed and interpreted.

### Your qualifications:

PhD applicants should hold a MSc/Diploma in life sciences, ideally with a strong computational component. MSc in Bioinformatics or Informatics will be considered, if they can demonstrate practical expertise with molecular biology techniques. We are looking for highly motivated candidates who are showing strong interest in interdisciplinary research and the desire to work at the interface of epigenetics, neuroscience and bioinformatics. We also expect fluency in both written and spoken English.

### We offer:

- Dual education in computational and molecular biology
- State-of-the-art technologies and infrastructure (e.g. deep-sequencing, imaging, bioinformatics)
- International, multidisciplinary environment
- Regular courses in bioinformatics, laboratory techniques and soft skills
- Great location at the heart of the Black Forest and in close vicinity to France and Switzerland

Salary will be based on the MPG Support of Junior Scientists guidelines.

### Application deadline:

Please submit your complete application, including a statement of research interests and a CV via our online application portal at <http://www.ie-freiburg.mpg.de/jobs> until **September 11th, 2020**.

The Max Planck Institute of Immunobiology and Epigenetics (MPI-IE) in Freiburg, Germany is an interdisciplinary research institution that conducts basic research in two key areas of modern biology: Immunobiology and Epigenetics. Central questions address the molecular basis of cell type identities, as they are regulated during immune cell differentiation, metabolic response and epigenetic chromatin adaptation.

Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply. The Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds. A childcare facility is directly attached to the Institute.

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