The Max Planck Institute for Brain Research (MPI for Brain Research) in Frankfurt/Main is a vibrant research institution in the field of basic biological and medical research, with a focus on understanding the functions of the brain's circuits. Our institute has approx. 300 employees in three research departments and four research groups, as well as several service units.

**Postdoctoral researcher (m/f/d)**

A fully funded postdoctoral position is available in the newly installed research group “Instinctive Behaviour Circuits”, headed by Dr. Vanessa Stempel.

**About the lab**

Our goal is to identify canonical neuronal computations and plasticity mechanisms that impart flexibility to instinctive behaviours. To answer these questions, we use a state-of-the-art, multidisciplinary approach: we perform in vivo neural activity recordings and manipulation experiments in ethologically-relevant behavioural tasks in mice, and combine these with molecular, cellular and circuit-level analyses (for details see: instinctive-behaviour-circuits-group).

**Your profile**

We are looking for a postdoctoral researcher with a strong interest in neuroethological approaches to systems neuroscience. The successful candidate will have very good quantitative and data analysis skills, and a demonstrated ability to work independently. They are expected to lead their own projects, contribute to other projects on a collaborative basis and mentor PhD students. The position is fully funded, but the applicant will be encouraged to apply for fellowships.

**Essential requirements**

- PhD in Neuroscience or a related field
- Expertise in *in vivo* imaging and/or –electrophysiology
- OR in vitro whole-cell patch clamp recordings
- Strong quantitative and programming skills
- Excellent verbal and written communication skills in English

**Desirable experience**

- Rodent models
- Computational modelling
What we offer

- A permanent position with outstanding employee benefits, a family-friendly culture, flexible working hours and funding according to TVöD regulations
- A highly interactive work atmosphere within an international and collaborative team
- A state-of-the-art technical infrastructure (including imaging, scientific computing and electronics facilities, as well as a mechanical workshop)
- Opportunities for further training/continuing education.
- Family service (in house baby and kids room, on-campus child day care centre)

The Max-Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. Furthermore, the Max Planck Society seeks to increase the number of women and ethnic minorities in those fields where they are underrepresented and therefore explicitly encourages them to apply.

The compatibility of work and family is very important to us; we offer the possibility of childcare in the kindergarten Kairos close to our institute. Further information can be found on our homepage www.brain.mpg.de.

How to apply

We look forward to receiving your application as one PDF-document including a cover letter with a brief summary of research experience and interests, full CV, and two references.

This call will be open until the position is filled.

For further information, and to submit your application, please contact:
Dr. Vanessa Stempel (vanessa.stempel@brain.mpg.de).