

We invite applications to the newly founded Junior Research Group **Molecular and Cellular basis of Behavior** for

1 PostDoc (m/f/d)

Starting on **15st of February 2021**. Start date is negotiable.

The research group is interested in understanding how genetic and environmental factors influence the function of neural circuits mediating social and emotional behaviors. The focus is to explore how the molecular composition of these circuits are affected by social experiences and genetic background associated with neuropsychiatric and neurodevelopmental conditions.

Tasks

- Behavioral phenotyping of social and emotional behaviors in mice in combinations with pharmacogenetic and pharmacological interventions
- Identification and functional analysis of altered molecular mechanisms and signaling pathways in mouse models for neuropsychiatric conditions
- Performing circuit labeling and manipulations of specific neural circuits and cell-types
- Presentation of research results at conferences and in scientific journals

Requirements and Skills

- Excellent doctoral degree in neuroscience, biochemistry, biology, or related discipline
- Experience with molecular biology, RNA biology, and biochemical methods, including proteomics, RNA-sequencing, western blot, qRT-PCR, and immunohistochemistry
- Experience with animal experimentations, specifically with behavioral phenotyping and stereotaxic surgery
- Experience with advanced imaging techniques
- FELASA certification or equivalent animal certification is necessary (can be obtained prior to starting position)
- Ability to work independently and to supervise undergraduates and PhD students
- Excellent written and spoken English

We are looking for a highly motivated individual to join a collaborative, diverse, and creative research team. The lab adheres to the MDC principles of equal opportunity and is dedicated to building a research environment where all members can flourish independent of their background, orientation, or functional variation. We offer a supportive and internationally competitive research environment with access to state-of-the-art equipment and a large network of collaborators in a vibrant and diverse city at the center of Europe. The position is available initially for two years. The level of salary will be determined on the basis of standard conditions, current qualifications, and professional experience (TVÖD-Bund, level E13).

To apply, please use the online portal at www.mdc-berlin.de/career/jobs and submit your application as one pdf file (5 MB max, including a cover letter, CV, references as well as relevant education and degree certificates)

For more information or questions, please contact Dr. Hanna Hörnberg:
hanna.hoernberg@mdc-berlin.de