

The Department of Behavioural Biology at the School of Biology/Chemistry is seeking to appoint a

**Research Assistant (Postdoc) (m/f/d)
(salary grade 13 TV-L, 100%)**

to commence work on January 1st, 2025 or later for a duration of three years (extension may be possible).

The research focus of the Behavioural Biology department led by Professor Touma (<https://www.verhaltensbiologie.uni-osnabrueck.de/start.html>) is the development and characterization of clinically relevant animal models of innate emotionality and stress reactivity, with the aim of analysing neurobiological, endocrine and molecular genetic mechanisms of affective disorders such as depression. Translational approaches and paradigms are employed to investigate interactions between genetic predisposition and environmental influences (G x E interaction) in order to evaluate new strategies for promoting resilience against psychopathological disorders.

Your Duties:

- Responsible participation in research projects of the department, e.g. in the project: "Effects of a high-fat diet on behaviour, stress reactivity and energy metabolism in the SR mouse model of affective disorders".
- Planning, conducting and analysing scientific experiments.
- Publication of own research findings in international peer-reviewed journals and presentation at scientific conferences.
- Contributing to management duties for operating the molecular and behavioural laboratories of the department.
- Participating in the planning and implementation of undergraduate and graduate teaching courses offered by the department.
- Supervision of students in the context of Bachelor's and Master's theses.

Requirements:

- Completed master's degree in natural sciences (preferably biology) or a related discipline.
- Completed doctorate and good publication record in the field of behavioural biology, neurobiology or related disciplines
- Strong interest in behavioural biology and neuroscience research, particularly in the area of stress-related animal models.
- Experience and willingness to work with laboratory mice in animal experiments.
- Proficiency in English, both spoken and written.

Additional Qualifications:

- Practical experience with behavioural test paradigms.
- Knowledge of methods in pharmacological, neuroendocrine, and/or molecular biological techniques, e.g., steroid hormone assays, gene expression analysis, neuroanatomy.
- Qualification and experience to work in approved animal research projects with laboratory rodents.
- Knowledge and proficiency in statistical methods and computer-based data processing.
- Strong teamwork, communication skills and flexibility.

We offer:

- An interesting, varied, and responsible position with plenty of opportunities for creativity.
- Behavioural neuroscience research using modern methods in an international team at the interface of translational biomedical research.
- An open and innovative working atmosphere.
- Individual training and development opportunities (e.g., Habilitation).

The possibility of part-time employment is indicated.

Osnabrück University is a family-friendly university and is committed to helping working/studying parents balance their family and working lives.

Osnabrück University seeks to guarantee equality of opportunity for women and men and strives to correct any gender imbalance in its schools and departments.

If two candidates are equally qualified, preference will be given to the candidate with disability status.

Please submit your application **by October 29th, 2024** as one PDF file that includes the usual documents (i.e. letter of motivation, CV, copies of certificates, names and addresses of 2-3 references) CODE VB-Postdoc via email to the Dean of the School of Biology/Chemistry (Email: bewerb-bio@uni-osnabrueck.de).

Please contact Prof. Dr. Chadi Touma (email: chadi.touma@uni-osnabrueck.de) for further information.

We are very much looking forward to receiving your application.