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German Institute of Human Nutrition Potsdam-Rehbruecke (DIfE)

is a member of the Leibniz Association. The institute's mission is to conduct experimental and clinical research in the field of nutrition and health, with the aim of understanding the molecular basis of nutrition-dependent diseases, and of developing new strategies for treatment and prevention (Website: <https://www.dife.de/en/>).

We invite applications for the Junior Research Group **Neurocircuit Development and Function (NDF)** for

1 PostDoc (m/f/d)

starting **as soon as possible**.

Specifically, the Junior Research Group is interested in neuronal circuits that control metabolism (food intake, energy expenditure, activity etc.) as well as how the maternal dietary environment can negatively influence the development and function of these brain circuits changing energy homeostasis and behavior of offspring.

Tasks

- Anatomical and functional analysis of circuits using in vivo genetic modulations (i.e. viral tracing and fiber photometry)
- Performing metabolic and behavioral tests to assess alterations to whole animal physiology.
- Presentation of research results (in scientific journals, colloquia and conferences)

Requirements and Skills

- Excellent master and/or doctoral degree in neuroscience, biochemistry, biology or a related discipline
- Experience with modern molecular biological and biochemical methods (immunohistochemistry, RNAScope, PCR, etc.), prior knowledge of at least one of the following: stereotaxic surgery and AAV injections, stereotaxic surgery and fiber optic implant placement, or fiber photometry
- Experience in animal experimentation, FELASA or equivalent is a plus
- Knowledge of coding language (Python or equivalent) is a bonus
- Ability to work independently and to supervise undergraduates and PhD students
- Applicants should be highly-motivated, ambitious and hard-working scientists who wish to be part of a collaborative, international team within a superb scientific environment
- Excellent English (in speaking and writing) and computer skills, knowledge of German is advantageous, but not required

We expect a very high degree of motivation, teamwork, independence, ability and willingness to engage in interdisciplinary collaboration in a diverse research environment.

We offer a vibrant and interactive research setting, excellent working conditions, close collaboration with national and international project partners, state-of-the-art equipment and support mobility with a jobticket for using the public transport.

The advertised position is available for 2 years. The level of salary will be determined on the basis of standard/tariff conditions, present qualifications and professional experience (TV-L, level E13).

Contact

Please send your documents (cover letter explaining your motivation, CV, certificates and references) **as a single pdf-file** before **March 15th, 2022** via e-mail to jobs@dife.de.

For more information please contact:

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By submitting your application documents, you grant us the right to collect, process, and use your personal data exclusively for the application selection process. For further information about your rights according to the data protection law, please contact the department Human Resources and Social Services (jobs@dife.de).