Institute for Biomedical Engineering
Translational Neuromodeling Unit (TNU)

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Translational Neuromodeling Unit (TNU), University of Zurich & ETH Zurich

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Open position for Research Assistant at TNU Zurich

The **Translational Neuromodeling Unit** (**TNU**; Director: Prof. K.E. Stephan) is a division of the Institute of Biomedical Engineering at the University of Zurich and the Swiss Federal Institute of Technology (ETH Zurich). Its mission is to translate advances in computational neuroscience into diagnostic tools for psychiatry and neurology. To this end, the TNU brings together computational modelers, experimentalists and clinicians who jointly develop mathematical models of maladaptive behaviour and brain disease, and evaluate their diagnostic use in patient studies.

Within a custom-designed building, the TNU runs a research clinic with a wide range of experimental facilities (EEG, pharmacological, psychophysics and behavioural labs). For our laboratories, we invite applications for a

Research Assistant, 80-100%

The applicant's **main responsibilities** include:

- recording electroencephalography (EEG) and collecting behavioral data in patients and healthy participants,
- assistance during the acquisition of MRI data,
- assistance with data storage, data backups, and data quality control procedures
- collection and processing of blood samples (practical experience is not necessary but advantageous),
- support of lab management (e.g., ordering consumables, equipment), organizational and administrative tasks, and preparation of experiments,
- support of the recruitment of participants and patients.

Qualifications and requirements:

- fluent German and good English,
- education in a field related to psychology or medicine (e.g., qualification as psychologist, medical technical assistant, or nurse)
- excellent organizational skills,
- computer skills (MS-Office and standard web applications),
- ability to work independently
- team player attitude.

Not required but advantageous:
- experience with electroencephalography (EEG)
- experience with social media

We offer a position with an initial duration of 1 year and possible further extension. The salary will depend on experience and qualifications.

The TNU, located in central Zurich, offers a young, collegial and highly international community, and an exciting interdisciplinary scientific environment at the intersection between computational neuroscience, neuropharmacology and psychiatry.

The application, including a short letter of motivation, CV and the names and contact information of two references should be sent by email in a single pdf to tnu-jobs@biomed.ee.ethz.ch. Shortlisted applicants will be invited for interviews. Informal inquiries can be directed to Dr. S. Iglesias (iglesias@biomed.ee.ethz.ch). Applications will be considered until the position has been filled.

For more information on the TNU, please see: www.tnu.ethz.ch