

Postdoctoral position, 80-100 %

University of Fribourg - Faculty of Science and Medicine
Hospital of Fribourg – Department of Neurology

The research of Prof. Dr. med. Selma Aybek and her team focusses on Functional Neurological Disorders (FND). The team is working interdisciplinary, involving neurologists, engineers, psychologists and neuroscientists in order to merge our expertise in conducting clinical research, aiming to better understand this disabling disorder and ultimately help the numerous patients suffering from FND. We design studies to investigate pathoethiological risk factors, pathophysiological mechanisms and study potential treatment options.

We are looking for an enthusiastic candidate with excellent technical skills and track record (i.e., publications in high ranking journals) to join our research group.

Your responsibilities

- Independently plan and conduct scientific studies (e.g., ethical application, elaboration of study design, recruitment, collection and storage of data).
- Work in direct contact with patients and healthy participants.
- Autonomous data analysis and critical interpretation.
- Presenting results in national and international conference and publish in peer-reviewed journals.
- Supervision of junior team members.

Your profile

- You have a PhD in psychology, neuroscience, neurobiology, biomedical engineering or similar.
- Expert knowledge in MRI/fMRI analysis is required.
- Experience in EEG, TMS and/or augmented/virtual reality is an advantage.
- You are experienced with Matlab and neuroimaging analysis tools (SPM, FSL, EEGLAB, Cartool, Ragu or similar) and statistical tools (R, Stata or similar).
- You have a strong interest in neuroscientific methods as well as in elaborating potential treatment options for neuropsychiatric disorders.
- You are fluent in English and have a good knowledge of German or French.
- You demonstrate good communication, organizational and teamwork skills.

What we offer

We offer a postdoctoral position in a dynamic work environment starting July 2024 (or as agreed), which will be remunerated according to the guidelines of the University of Fribourg.

Application

Please send your application documents (including your CV, cover letter, list of publications, references) as a single PDF file to Francine Neuhaus and Janine Bühler (francine.neuhaus@h-fr.ch; janine.buehler@unifr.ch).

In case of questions, please feel free to contact Janine Bühler (janine.buehler@unifr.ch). Applications will be reviewed until the position has been filled.