

Position: Post-doctoral Position

Deadline: 31 August 2023

Contract Length: October 2023- September 2025

City: Rome, Italy

Institution: European Brain Research Institute (EBRI)

Description:

A postdoctoral research associate position is available in the newly established laboratory directed by **Prof. Hannah Monyer at EBRI in Rome** to investigate the role of long-range GABAergic interneurons in the hippocampus and cortical circuits underlying spatial navigation in normal and pathophysiological conditions. The successful candidate will apply computational methods to the analysis of behavioral and electrophysiological data. Prof. Monyer also holds a Chair as Director in clinical Neurobiology at the University of Heidelberg in Germany. The work at EBRI will be performed in collaboration with her lab in Heidelberg.

Skills required

A strong background in data analysis and programming skills (Matlab, Python) for the analysis of behavioural and neurophysiological experiments is mandatory. Knowledge and previous experience in open-source tools for pose estimation in animals (Bonsai, DeepLabCut etc.) is a plus. Applicants must be proficient in spoken and written English. Documented experience in computational neuroscience is mandatory.

Qualification required

A degree (or equivalent) in Computer Science or related disciplines and a PhD (or expectation that one will soon be awarded) in Neuroscience or a similar field of research.

How to Apply

Please submit your CV, a cover letter highlighting your expertise, a brief statement of current research interest and two reference names to: h.monyer@dkfzheidelberg.de.

Gross salary: 27000 Euro/year.

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