

# Doctoral Researcher Position

The research group Hippocampal plasticity and neurogenesis at the Hans-Berger-Department of Neurology is offering a PhD position in neural stem cell research. We are looking for a highly motivated student to explore the developmental origin and aging mechanisms of adult hippocampal neural stem cells. The project will employ standard and cutting-edge techniques of cellular and molecular biology including tissue dissection/primary cell cultures, single cell RNA sequencing, transgenic mouse models, histology and confocal microscopy.

Applicants should hold a Master's degree (or equivalent) in life sciences, preferably with a strong background in neuroscience, molecular biology or developmental biology. Experience in sequencing technologies, computational biology/handling of large data sets, and experimental work with animals is desirable. We are looking for a motivated, self-driven, creative, and interactive scientist with a passion for research. Excellent English communication skills both written and spoken are required, German language skills are desirable.

Please submit your application (including your CV, a summary of your university education and scientific experience, transcripts of records, a short letter of motivation) as a single PDF file to [anja.urbach@med.uni-jena.de](mailto:anja.urbach@med.uni-jena.de). Two letters of references are to be sent directly by the referees on demand.

For more information about our research please visit <https://www.uniklinikum-jena.de/neuro/en/Research/Research+Groups/Hippocampal+Plasticity+and+neurogenesis.html>.

The position is available from October 2019 with a salary according to TV-L E13 (50%) for a duration of 3 years.

## Contact information

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