

The **Institute of Cellular Neurosciences (IZN)** at the University of Bonn, Germany, invites applications for a

Postdoc (*wissenschaftlicher Mitarbeiter*)

A neuroscience postdoc position in the field of neuron-glia interactions is available in the laboratory of Prof. Dr. C. Henneberger. The three year position is part of a collaborative project within the newly formed DFG Research Unit FOR2795, which explores how synapses respond to acute metabolic failure. The aim is to identify early astroglial responses to metabolic stress and its impact on glutamate signaling in the rodent hippocampus and cortex.

This will be achieved by combining two-photon excitation fluorescence microscopy to image astrocytes and to visualize glutamate using optical biosensors and electrophysiology to probe astrocyte and neuronal activity in acute hippocampal slices. Therefore, applicants would ideally have some previous experience in electrophysiology and/or imaging. Applicants should have a PhD or equivalent doctoral degree.

Further information about our research can be found at <https://henneberger-lab.com/>.

The prospective postdoc will work closely with other groups within and beyond the Research Unit FOR2795 and IZN. The postdoc will for instance benefit from the substantial local expertise in studying neuron-glia interactions and extensive local and international collaborations (e.g. within the SPP1757 <http://www.glia-network.de/>, the SFB1089 <http://sfb1089.de/> and the EU-GliaPhD <http://www.eu-gliaphd.eu/>). The dynamic neuroscience community of Bonn, which comprises more than 40 groups focusing on fundamental neuroscience research and its application in the treatment of neurological disorders, will provide further excellent opportunities for postdoctoral training (Bonn Center of Neuroscience, <https://bonn-neuroscience.de/>).

The position is available from the 1st of January 2019 on. The contract initially runs for three years. The salary will be according to the German salary scale TV-L E13. The University of Bonn is an equal opportunities employer.

Applicants are expected to submit a cover letter, CV, list of publications, and indicate at least two referees.

Applications should be sent by email only to:

Christian Henneberger
(christian.henneberger@uni-bonn.de)