



## PhD student position in Neurobiology

We are looking for an outstanding PhD student (E13, 65%) for a pathophysiological study in cellular neurophysiology. The project is part of a collaborative research unit funded by the German Research Foundation (DFG) focused on calcium homeostasis in neuroinflammation and –degeneration (<https://www.for2289.de/>).

Together with our collaborators we want to study changes in retinal function following experimental autoimmune optic neuritis, with particular emphasis on alterations in synaptic transmission and glutamate homeostasis. We will approach this question with a broad range of neurophysiological methods including cellular electrophysiology, microscopy, viral transduction and histological/morphological techniques.

We are looking for applicants with a Master's degree in biology, neuroscience or related disciplines, an excellent knowledge of English, and an interest in cellular neurophysiology. Research experience in electrophysiology and/or molecular biology would be advantageous.

The dissertation thesis will be done within the Department for Neuro- and Sensory Physiology at the Institute for Physiology and Pathophysiology of the Medical Faculty. You will be working in a multi-disciplinary team of molecular neurobiologists, neurophysiologists and translational neuroscientists. We provide state-of-the-art technical equipment, a lively and interactive working atmosphere and a well-connected network of PhD students and scientists in our Interdisciplinary Center for Neurosciences (IZN).

### **Application:**

Please send your application, including a letter of motivation, CV, list of publications, copies of certificates as well as the names and contact details of two referees to

[andreas.draguhn@physiologie.uni-heidelberg.de](mailto:andreas.draguhn@physiologie.uni-heidelberg.de)

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