

The Institute of Physiology, School of Medicine and Health Sciences in Oldenburg, Germany, offers a position limited to 3 years of a

**Postdoctoral scientist**

(salary according to E13 TV-L)

Our group is seeking a talented and highly motivated postdoctoral candidate eager to work on a technically challenging neuroscience project using cutting edge methodology.

Our research focuses on cellular mechanisms underlying synaptic transmission and signal processing in the central auditory system. The auditory brainstem synapses under investigation are morphologically and biophysically specialized to enable temporally precise transfer of information used for sound source localization. Our scientific questions are addressed by employing electrophysiology and imaging methods in vivo and in vitro, such as single-unit in vivo recordings, patch clamp in acute brain slices and two-photon microscopy.

**Requirements:**

The candidate must hold a PhD degree and have a special interest in neuroscience and willingness to perform animal research. Documented experience in electrophysiology (in vivo - multiunit, single unit recordings; in vitro patch – clamp) or imaging techniques is required. Knowledge of signal analysis, particularly of electrophysiological data is highly desirable. Experience in working with rodents is necessary. As a member of our international group, the candidate must have a good command of written and spoken English.

**We offer:**

Our group is part of an interdisciplinary research cluster for sensory neurobiology with emphasis on auditory neuroscience. As a member of the Cluster of Excellence „Hearing4All“, the University of Oldenburg provides a vibrant and intellectual environment from basic science to clinical research and practical application and offers ideal opportunities for a comprehensive PhD training integrated in the „Research Center Neurosensory Science“. Finally, the Principal Investigator is committed to career development of trainees.

Carl von Ossietzky University is aiming at increasing the number of women in science. Applications of women are specifically invited. Handicapped candidates with equivalent qualifications will be given preference.

To inquire about the position and the application procedure please contact Prof. Ivan Milenkovic ([ivan.milenkovic@uol.de](mailto:ivan.milenkovic@uol.de)). Please do so only if you fulfill the above requirements and specify these in your mail.

Further information about our group: <https://uol.de/physiologie>; <https://lab-im.com/>