

Postdoctoral Research Associate Position – Northeastern University, Boston

The Laboratory of Neurobiology (Head: Professor Günther K.H. Zupanc) in the Department of Biology at Northeastern University in Boston invites applications for a postdoctoral research associate position. The project, funded by the National Science Foundation, aims at examining the role of astrocytes in the regulation of sexually dimorphic neural oscillations of a brainstem nucleus in the weakly electric fish *Apteronotus leptorhynchus* (for a recent review, see Zupanc, G.K.H.: Development of a sexual dimorphism in a central pattern generator driving a rhythmic behavior: the role of glia-mediated potassium buffering in the pacemaker nucleus of the weakly electric fish *Apteronotus leptorhynchus*. *Developmental Neurobiology* **80**, 6-15, 2020; <https://doi.org/10.1002/dneu.22736>).

The successful candidate will have a genuine interest in neuroethological systems, with a strong background in quantitative morphological analysis involving immunohistochemistry, *in situ* hybridization, confocal laser scanning microscopy, image analysis, 3D reconstruction, as well as management and analysis of large data sets. Besides the histological work, the researcher will contribute to experiments involving pharmacological manipulation of glial function and analyzing this effect on the electric organ discharge of the fish. The researcher will also take pride in becoming the primary manager of the fish facility of the Laboratory of Neurobiology. In addition to the direct involvement in research and animal care, the postdoctoral research associate will have the opportunity to participate in the writing of manuscripts, preparation of grant proposals, supervision of students, and participation in outreach activities. A team-oriented attitude is essential.

Applicants must hold a Ph.D. prior to starting the position. Salary is competitive and commensurate with experience. A comprehensive benefits package is offered.

Applicants should include a cover letter, CV, and contact information for three references. Applications will be reviewed as they are received until the position is filled. Please apply through the following link: <https://careersmanager.pageuppeople.com/879/ci/en-us/job/505933/postdoctoral-research-associate>.

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