



NYU | DENTISTRY

Postdoctoral Associate (P.I.: Yalda Moayedı Lab)

New York University: NYU - NY: College of Dentistry: Molecular Pathobiology

Location

New York, NY

Description

The Moayedı lab in the Pain Research Center at New York University College of Dentistry (New York, NY) is seeking a postdoctoral research scientist to study lingual mechanotransduction and sensation. The lab uses a combination of molecular biology, advanced microscopy, *in vivo* functional imaging, physiology, and behavior in animal models and humans.

The successful candidate will work independently and resourcefully to accomplish the responsibilities of the position including: rodent orofacial behavioral experiments, histology (whole mount and sliced preparations, immunohistochemistry, RNAscope), *in vivo* and *in vitro* imaging of neuronal activity and structure (primary cultures and *in vivo* intact preparations, 2 photon and widefield fluorescent microscopy), electrophysiology, rodent husbandry, and rodent surgery. The candidate will be involved in experimental design, developing protocols as needed, carrying out experiments, data analysis and interpretation, manuscript preparation, presentation at scientific meetings, preparing applications for external funding, training lab members, and performing other duties that are necessary for the operation of the laboratory.

Qualifications

We seek a highly motivated and creative postdoctoral researcher who holds a PhD in neuroscience or related field to join our team.

In addition, strong laboratory and analytical skills, effective written and oral communication, and efficient project management are essential. Experience with rodent behavior, electrophysiology, imaging, rodent surgery, and coding (Matlab, Python, R) are highly desirable.

Application Instructions

Qualified candidates must apply through Interfolio (<https://apply.interfolio.com/189338>).

Applicants must submit: 1) Cover letter / Letter of Interest; 2) Curriculum Vitae; and 3) Names and contact information of at least three professional references.

Please contact Yalda Moayedı for further information: Yalda.moayedı@nyu.edu

