

**Postdoctoral Fellow/Researcher,
Research Scientist or
Research Assistant Professor**



UNIVERSITY of
ROCHESTER
MEDICAL CENTER

**Department of Pharmacology and Physiology
Department of Neuroscience
University of Rochester Medical Center
Rochester, NY**

Two neurobiology postdoctoral researcher positions funded by NIH and foundation grants are available to study synaptic plasticity as well as myelination mechanisms underlying intellectual disability, anxiety, depression and many other brain functions/dysfunctions. We have created many transgenic mouse models, including lines mimicking human de novo mutation, for these studies. We also use viral injection (AAV or lenti), in combination with (flox/+) mice or shRNA knockdown to study the effect of many human de novo mutations on synaptic functions. More information on our research can be found on our website: <https://www.urmc.rochester.edu/labs/Xia-Lab.aspx>.

One position is for patch clamp electrophysiologist and second position is for cell biologist.

Required Qualifications: • PhD in Neuroscience, Pharmacology, Physiology or other related field or MD: 0-2 years of relevant experience in research environment is required • Expertise in neurochemistry, cell biology, two-photon/confocal imaging or electrophysiology is required. Candidates with more than 5 years of experience will be eligible for Research Scientist position or Research Assistant Professor.

Applicant Instructions: Interested candidates should send the CV and names of three references to Dr. Hugh Xia, email: Houhui_Xia@URMC.Rochester.edu. We could meet at Canadian Neuroscience meeting. Position will remain open until filled.

University of Rochester Medical Center is an Equal Opportunity Employer for females, minorities, individuals with disabilities and protected veterans