

The laboratory of Chen Gu, PhD at the Ohio State University invites applications for postdoctoral positions to investigate mechanisms and functions of neuronal electrical signaling in health and disease. We are studying ion channel regulation in mechanotransduction related to traumatic brain injury, in neuronal fast spiking involved in epilepsy and autism, and in inflammatory demyelination and axon degeneration related to multiple sclerosis. Our projects use a multidisciplinary approach including molecular biology and biochemistry, state-of-the-art imaging, electrophysiological recording, anatomical analysis, mouse genetics, and animal models for various brain disorders. For more information about our research, please visit <http://medicine.osu.edu/bcpharm/directory/faculty-directory/chengu/pages/index.aspx>.

The ideal candidate would have a research background in Neuroscience or related fields, a good record of scientific publications, good oral and written communication skills. Experience with electrophysiological recording is highly desirable. To apply, please send a CV, a brief statement describing your research interests, relevant background, and career goals, and contact information for 2-3 reference letters to: gu.49@osu.edu.

Chen Gu, PhD
Associate professor
Department of Biological Chemistry and Pharmacology
Wexner Medical Center
The Ohio State University
182 Rightmire Hall, 1060 Carmack Road, Columbus, OH 43210
Office: 614-292-0349
Email: gu.49@osu.edu

