

Synaptic Transmission in Neurogenetic Disorders (250)

Applications are invited for a NINDS-funded postdoctoral trainee position to study genetic epilepsies caused by mutations in brain metabolism genes at the cellular electrophysiology level. Projects include the generation of transgenic and knockout mice and the characterization of mutant mice and cells by electrophysiological and brain biochemical methods in novel models of human genetic encephalopathies.

Candidates must hold a doctoral degree in neuroscience, biochemistry, molecular biology or physiology and a quality publication record. They should be able to communicate effectively and be capable of working both independently and as part of a team. Two years of prior experience with electrophysiology (brain slice recording) are required. Informative publications include PMID: 21946227 and 22683290.

Please send 1) curriculum vitae, 2) description of research background, 3) professional career goals, and 4) three reference letters to:

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If using email, please specify 'Postdoctoral electrophysiologist' on the subject line.

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