

Post-Doctoral Fellowship - Neurotoxicology

Job Description

The successful candidate will be primarily responsible for conducting research related to developing human induced pluripotent stem cell (hiPSC) based models for use in CNS safety evaluation for early drug discovery programs. The project will focus on developing and validating assays for CNS safety evaluation based on both normal and neurodegenerative disease patient-specific hiPSC derived neural cells, and will utilize drug-screening technologies, including high content imaging, and multi-electrode arrays. The position is at the Sanford Burnham Medical Research Center in Dr. Anne Bang's lab in the Conrad Prebys Center for Chemical Genomics, a state-of-the-art drug screening facility. The position is a 2-year appointment and will be co-mentored by a toxicologist at Takeda California, Inc, and provide opportunities to interface with Takeda's CNS drug discovery unit.

Position Qualifications

This position requires an M.D., or Ph.D., with preference for new graduates or for postdocs with 3 or fewer years of experience. The qualified applicant must have proven experience in one or more of the following areas: toxicology, neurobiology, electrophysiology, pharmacology, molecular biology, stem cell biology. Research experience with neurotoxicology or general toxicology, electrophysiology, human iPSC or ESC, or neurological disease models, would be considered an advantage.

Interested individuals should submit CV, cover letter, and names, e-mail addresses, and telephone numbers of three references.

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