Research Scientist/Postdoctoral, Neurology

Req #: 
Location: UC Irvine 
Schedule: Full-time

Description

Summary/Scope
The Research Scientist or Postdoctoral Fellow, Neurology will have a strong background and publication record in cellular or molecular biology of cancer, with a preference for expertise in proteasome biology. The applicant will be able to design and execute a variety of routine in vitro functional assays such as proliferation and gene expression pathway analysis in the context of mechanisms of resistance to chemotherapy. In addition, the applicant will also be working with in vivo models to understand the biological role of this pathway in various cancer indications. The successful candidate will have the opportunity to work closely with discovery and development scientists from both academia and industry, and to present his or her work at project team meetings.

Responsibilities will include, but are not limited to, the following:
• Plan and execute experiments independently
• Stay current with the literature in order to design experiments that address biological questions
• Analyze, interpret and present scientific data
• Interact with drug development team members to design experiments that can address mechanistic questions for the therapeutic of interest
• Accurately maintain data and reports

Qualifications
PhD in Pharmacology, Molecular Biology, or a related biological discipline. Expertise in design and execution of cell-based biological studies is required. Experience with rodent model development to characterize anti-cancer activity in vivo, including execution of preclinical pharmacology studies, is required. Experience with grant writing and submission, managing internal and externally conducted studies, and monitoring study conduct and reporting are highly desired. Industry experience is preferred but not essential.

Skills/Knowledge Required
• Solid understanding of oncology discovery research, focused primarily on in vitro and in vivo evaluation of small molecules targeting oncology disease targets.
• Ability to generate high quality data in a dynamic fast paced environment.
• Excellent written and verbal communication skills
• Experience in in vivo study conduct; animal handling, husbandry, dosing by multiple routes, observation recording, blood, tissue collection and limited necropsy.
• Knowledge of in vitro assessment of pharmacologic activity.
• Knowledge of outsourcing CROs and monitoring of studies at outsourced sites.