

Open position: Director of Research and Development, Chemistry

Position Location:
San Francisco, CA

Minimum Requirements:

Ph.D. or foreign equivalent in Biochemistry, Biophysics, or a related field, plus 1 year of experience in the job offered or a related position.

Description:

Oversee discovery and development of substrate or enzyme replacement therapies for rare disorders. Lead chemistry and biochemistry efforts, design and execute experiments, supervise laboratory personnel, present results internally and externally, and manage collaborations and CROs (contract research organizations). Lead a team of scientists and research associates to design, prepare, optimize, and validate novel intracellular drug delivery systems and formulations for small molecules and biologics. Participate in the development, characterization, and qualification of nano-liposomal processes for GMP (good manufacturing practice) manufacturing. Prepare study summaries, reports, and presentations. Manage multiple projects of moderate to large size and scope involving cross-functional collaboration within Biology and engage colleagues in cross-disciplinary scientific discussion. Provide scientific expertise to create and conduct experiments to characterize drug delivery systems and formulations both in vitro and in vivo. Provide expert-level guidance to design and execute in vitro and in vivo studies and advance therapeutics from concept to proof-of-concept in vivo onto clinical candidates. Manage and supervise scientists and research associates to meet project timelines. Develop and manage relationships with vendors, CROs, and lead external collaborations. Direct the identification and timely resolution of technical issues. Lead special projects and initiatives as may be required to resolve all product issues.

Skills Required:

- Familiarity with drug delivery approaches
- Knowledge of lipid-based formulations and their manufacturing
- Knowledge of lipid chemistry and the physical properties of lipid membranes
- Knowledge of nanoparticle surface engineering
- One year of experience with biophysical and analytical methods for characterization of different formulations for both in vitro and in vivo, including flow cytometry, dynamic light scattering, and fluorescent microscopy
- One year of experience with AKTA protein purifications

Contact:

Please send resume to Glycomine, Inc. at info@glycomine.com.