

Scientist (Drug Discovery) Chemical Biology

Summary

The Prebys Center at Sanford Burnham Prebys Medical Discovery Institute (SBP) has a **Scientist Chemical Biology** opening. SBP is a preeminent, independent biomedical research institute dedicated to understanding human biology and disease, and advancing scientific discoveries to profoundly impact human health. For over 40 years, SBP research has produced breakthroughs in cancer, neuroscience, immunology and children's diseases, and is anchored by SBP's NCI-designated cancer center and advanced drug discovery capabilities.

The vision of the Conrad Prebys Center for Chemical Genomics (Prebys Center) at SBP is to be the world's leading academic drug discovery and development organization, an epicenter for innovative approaches to accelerate the discovery of new drugs to help save lives and treat disease. This is an exciting opportunity to directly support biomedical and drug discovery projects with an end goal of ultimately benefiting patients.

The Scientist will work to develop and execute drug discovery projects in a variety of disease areas with minimal supervision. The Scientist will independently develop novel cell-based and biochemical assays, convert them to miniaturized 384-well/1536-well format and perform their implementation for automation on available robotics systems and interfacing with the HTS team, the Scientist will also support SAR cycles for drug development projects.

Primary Responsibilities

- Independently designs and performs experiments and procedures with high degree of complexity, demonstrating increasing expertise with a wide range of techniques
- Demonstrates flexibility in adapting methods/skills according to evolving project priorities.
- Provides independent experimental design and follow up planning, interpretation of results and evaluation of data
- Analyzes and interprets data from different sources and draws relevant conclusions
- Presents results in labs and external meetings
- Accurately documents experiments in lab notebook

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- Contributes to writing of reports, manuscripts and grant proposals, with increasing responsibility over time
- Works collaboratively across functions
- Trains junior members of team as needed
- Designs and performs experiments and procedures requiring specific or technical knowledge and laboratory techniques with minimal input from supervisor
- Develops novel cell-based and biochemical assays, which will be converted to 384-well/1536-well format using automated liquid handlers and plate readers
- Uses different sources of literature and is capable of practically applying the information

Required Experience

- Ph.D. in biology, pharmacology or related field and at least two years' experience conducting independent drug discovery or related laboratory research required OR equivalent education, training and/or experience from which comparable knowledge, skills and abilities have been attained
- Demonstrated experience designing and implementing new assays

Knowledge, Skills and/or Abilities

- Demonstrated ability to analyze, interpret and present results in internal meetings
- Work independently as well as in a team environment
- Be responsible and have strong time management skills
- Able to analyze and resolve issues of moderate complexity
- Possess strong attention to detail and organizational skills
- Demonstrated professional communication and interpersonal skills
- Professional proficiency in Microsoft Office
- Embody the Institute's core values of Commitment, Collaboration, Communication, Community and Compassion

To apply: sbpdiscovery.org/careers

Sanford Burnham Prebys Medical Discovery Institute is an Equal Opportunity employer – M/F/Veteran/Disability – committed to the hiring, advancement and fair treatment of all individuals. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability,

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protected veteran status, or any other protected status as designated by federal, state or local law. For additional information about your rights as an applicant, click [HERE](#).