

Scientist , BioPhysics / Structural Biology
Job Code: SBBP -005-18
Location: Cambridge, MA

We are seeking a highly motivated, creative and enthusiastic Biochemistry Scientist to support Kronos Bio's effort to discover unique anti-cancer compounds for undruggable targets. In this position within the Biology team, the candidate will develop and implement assays for the identification, characterization and optimization of compounds for oncology drug discovery and will also play an important role in investigating the biochemical, mechanistic and molecular understanding of the targets of interest. The candidate should have proven bench level expertise in establishing and performing a wide range of biochemical assays to screen and characterize small molecule compounds and elucidate mechanism of action. This position offers the opportunity to contribute to drug discovery projects in an innovative and fast-paced team environment.

Principal Duties and Responsibilities:

- Design, develop and implement various assay formats such as kinetic-based, protein-protein interactions and protein-compound binding assays in low- to high-throughput
 - Standard assays include fluorescent polarization (FP), surface plasmon resonance (SPR), HR-FRET, Alpha, circular dichroism (CD)
- Screen and characterize small molecule compounds and determine the mode of action
- Express and purify target proteins and perform general protein biochemistry
- Analyze and interpret integrated datasets
- Maintain laboratory records, protocols and summaries
- Contribute to laboratory organization and maintenance
- Present research plans and results, both within the team and to senior management

Qualifications:

- PhD with 2 to 5 years pharma/biotech drug discovery laboratory experience in biochemistry/biophysics/ enzymology
- Experience with general biochemical and kinetic-based assay technologies (e.g. FP, TR-FRET, SPR, ITC, AlphaScreen, luminescence, MS is a plus)
- Experience with various compound screening formats, laboratory instrumentation and automation for medium to high-throughput screening
- In depth knowledge of biophysical/biochemical assay technologies is required
- Experience in protein expression and characterization is necessary (AKTA or other chromatography systems)
- Proven ability to work independently and design experiments, troubleshoot, interpret and report data
- Highly analytical mind, attention to detail, and organization skills are critical

Interested candidates should forward a resume and cover letter to careers@kronosbio.com.

Kronos Bio, Inc., is dedicated to the research and development of first-in-class therapies that modulate historically “undruggable” cancer targets. Leveraging industry-leading research into high-throughput screening strategies for chemical modulators of transcription factors and other challenging targets in oncology, Kronos Bio utilizes its small molecule microarray (SMM) platform and extensive know-how in biological assay development to pursue novel therapies against some of the most important and

intractable targets in cancer research Collaborative and proactive attitude with excellent written and oral communication skills