

Senior Research Associate, Drug Discovery – Cancer Biology

Location: Cambridge, MA

Job Code: RAB00218

Kronos Bio seeks a highly motivated Research Associate or Senior Research Associate to join its drug discovery team located in Cambridge, MA. As a member of the drug discovery team, this individual will contribute to assay development and chemical biology approaches to identify, validate, and advance small molecule hits and lead candidates. The applicant is expected to have strong experimental skills, good communication ability, eagerness for learning and contribute to a strong culture of teamwork and collaboration.

Principal Duties and Responsibilities

- Collaborate with chemistry and biology teams to support discovery and preclinical development of novel therapeutics for the treatment of cancer.
- Develop, optimize and perform a variety of assays in various formats, including:
 - Cell-based bioassays (DualGlo, CTGlo, HTRF, HliBiT, ELISA, CaspaseGlo, Alpha)
 - Protein biochemistry assays (WB, ICW, IP, IHC, pull-down)
 - Lenti-virus generation and CRISPR techniques
 - Company-developed high-throughput screening assays
- Additional responsibilities include characterization of signaling pathways in both cancer cell lines and primary tumor tissues by standard molecular biology techniques, real-time PCR, gene transfection as well as characterization of MOI for novel inhibitors.
- Contribute positively to a lean, cross-functional team environment, with the opportunity to cross-train, make visible contributions to a variety of projects and interact with a multidisciplinary team of scientists.
- Be able to troubleshoot challenging assays and propose modifications or alternatives.
- Utilize literature searches to solve specific research problems and contribute new ideas.
- Maintain laboratory equipment, and train others in its use.
- Learn, acquire and apply new experimental techniques.
- Utilize training and resources (external and internal) to stay current in the field.
- Maintain high standards of laboratory safety, comply with the safety manual and complete required training courses.
- Perform research in compliance with all applicable regulatory and guidelines, as informed by supervisor.
- Conduct other chemistry or biology-related tasks, as informed by supervisor.

Job Qualifications

- Bachelor's or Master's degree in a life science-related field with 4-6 or 2-4 years of laboratory experience, respectively.
- Strong background in high throughput screening, cell-based assays and molecular biology.
- Highly analytical mind, attention to detail, organization skills, and rigorous experimental record keeping using an ELN system are critical
- Experience working with CROs and/or compound management organizations preferred;
- Experience in protein biochemistry and/or surface chemistry would be a bonus;
- Collaborative, proactive and optimistic personality required.

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.