

Senior Scientist, Chemistry (BS or MS)

Job ID
REQ-10023002

9月 30, 2024

USA

摘要

The Chemical Genetics group in Cambridge, MA, is seeking a highly motivated, curious, and innovative scientist to boost our endeavor in the discovery, development, and characterization of small molecules affecting defined phenotypes with the goal of uncovering and validating novel therapeutics and drug targets. We are a highly collaborative and global group of chemists and biologists dynamically exploring the interface of chemistry and biology in initiating, leading, and progressing team-oriented projects in early drug discovery. This group is part of the larger Discovery Sciences (DSc) department that encompasses the full-spectrum of sophisticated capabilities needed to succeed in a state-of-the-art drug discovery biopharma laboratory. This position will collaborate closely with research teams within DSc, as well as across diverse Disease Areas.

About the Role

Internal Job Title - Senior Scientist I

Position Location: Cambridge, MA, onsite

The Chemical Genetics group in Cambridge, MA, is seeking a highly motivated, curious, and innovative scientist to boost our endeavor in the discovery, development, and characterization of small molecules affecting defined phenotypes with the goal of uncovering and validating novel therapeutics and drug targets. We are a highly collaborative and global group of chemists and biologists dynamically exploring the interface of chemistry and biology in initiating, leading, and progressing team-oriented projects in early drug discovery. This group is part of the larger Discovery Sciences (DSc) department that encompasses the full-spectrum of sophisticated capabilities needed to succeed in a state-of-the-art drug discovery biopharma laboratory. This position will collaborate closely with research teams within DSc, as well as across diverse Disease Areas.

Your key responsibilities:

- Applying your chemistry expertise to prosecute on hits from biochemical or phenotypic screens
- Small molecule design, multi-step synthesis and optimization, including exploration of structure activity relationships and synthesis of chemical probes for addressing impactful biological and conceptual questions.
- Frequent oral data communication/presentation across a spectrum of skillsets and levels, engagement of internal and external partners and collaborators.
- Organizational skills for design, tracking, and communication experiments and data.

Essential requirements:

- A B.S. or M.S. degree in Chemistry and 5+ years experience in academia or industry, with demonstrated ability in one or more of the following: synthetic organic chemistry, drug discovery, chemical biology, chemical probe design. This is not a PhD-level position.
- Proficiency in broad array of chemical synthesis techniques, chemical probe design and development, characterization and purification of new molecular entities/modalities. Experience with common spectroscopy (NMR, IR, UV, MS), analytical techniques and chromatography purification systems is required
- A comprehensive knowledge of modern organic synthetic methods; medicinal chemistry, chemical biology knowledge is a plus
- Track record of innovation, efficient hypothesis testing, and execution of outside-the-box approaches to tackle challenging scientific problems.
- Ability to design, perform, analyze, and interpret data to propose next steps in both experimental and project design and overall strategy.
- Highly self-motivated, fast learner, flexible, innovative and fearless.
- Thrives in an interdisciplinary, team-oriented and collaborative environments.

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Biomedical Research

Business Unit

Pharma Research

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USA

站点

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

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