

Research Scientist, Chemistry

Job ID
REQ-10023004
Sep 23, 2024
USA

Summary

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 – Research Scientist I/II

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 phenotypic screens
- Perform lab based research using organic synthesis experiments and purification procedures, and standard organic chemistry laboratory techniques or new methods from the literature to obtain pure characterized compounds for biological evaluation.
- Interpret activity data from cell-based assays to establish SAR and develop probe molecules for target identification and mechanism of action studies
- Work in an interdisciplinary teams to share expertise and collaborate toward shared goals
- Frequent oral data communication/presentation

Essential requirements:

- A recent B.S. or M.S. degree in Chemistry with 0-3 years' experience in the design, synthesis and

characterization of organic compounds for testing in biological systems.

- A comprehensive knowledge of modern organic synthetic methods; medicinal chemistry, chemical biology knowledge is a plus
- Experience with common spectroscopy (NMR, IR, UV, MS), analytical techniques and chromatography purification systems is required
- The candidate will work in multi-disciplinary cross-functional teams where good communication skills are necessary
- A naturally collaborative style for effective drug discovery team participation
- Curiosity, creativity, scientific agility, and interest in small molecule design, synthesis and optimization, including exploration of structure activity relationships.

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Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$66,000 to \$126,000/year; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

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Division

Biomedical Research

Business Unit

Pharma Research

Location

USA

Site

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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