

# Senior Scientist, Chemistry

Job ID  
REQ-10023002  
Sep 24, 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 – 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

- 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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Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$97,600 to \$146,400/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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**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a

community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

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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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