

Senior Scientist II- Biotherapeutics Oncology Drug Discovery

Job ID

REQ-10056398

Jul 03, 2025

USA

Summary

The Biotherapeutics group within Oncology Drug Discovery at Novartis Biomedical Research is seeking a highly motivated and collaborative Senior Scientist II to advance drug-conjugate discovery programs for the treatment of cancer patients. In this lab-based role, the successful candidate will apply cell and molecular biology techniques to deliver impactful data for target validation and drug optimization efforts. This role requires a strong understanding of and experience with in vitro cell-based assays for drug discovery. This individual will interact collaboratively with colleagues across Biomedical Research and will be a member of multidisciplinary project teams. This is a great opportunity to join a group dedicated to the discovery of biotherapeutics and to support advancement of drug discovery projects into the Novartis portfolio.

#LI-Onsite

This position will be located at Cambridge and will not have the ability to be located remotely

About the Role

Key Responsibilities:

- Generates hypotheses to test, troubleshoots issues and designs and executes the next set of experiments with some input from senior lab members/manager.
- Works independently and as a part of a team to design, execute, and analyze in vitro experiments to profile small molecules and biologics and elucidate mechanisms of action
- Executes cell and molecular biology assays (e.g. cell titer glo, flow cytometry, JESS, western blot, MSD, HTRF)
- Cultures cells using sterile technique including genetic engineering and validation of cell lines
- Uses laboratory automation equipment (liquid handlers, plate readers, dispensers) to perform screens
- Maintains an organized and detailed record of all experiments
- Works collaboratively across teams and trains other members of team in areas of technical expertise as needed.
- Clearly communicates findings and presents research to multidisciplinary project teams
- Supports lab operations including management of materials, maintenance of instruments, and general lab duties

Role Requirements:

Essential Requirements:

- Bachelor's degree in biology or related field

- Master's degree preferred
- 5+ years of high-throughput screening experience
- Industry experience preferred
- Extensive experience with cellular assay development & execution, experience with high throughput screening workflows strongly preferred
- Demonstrated ability to analyze, interpret and present data in a clear manner and use data to generate new hypotheses
- Highly self-motivated, collaborative team player with exceptional organizational skills and curiosity to expand and diversify skillsets

Desired Requirements:

- Understanding of drug discovery optimization processes
- Experience with discovery of antibody-drug-conjugates

The salary for this position is expected to range between \$93,800-\$174,00/year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

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

Universal Hierarchy Node

Location

USA

State

Massachusetts

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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