

Senior Scientist, Peptide Display Technologies

Job ID

REQ-10088059

Sep 21, 2026

LOC_US

About the Role

Internal Job Title: Senior Scientist I/II

Position Location: onsite, San Diego, CA

Bring your expertise in display technologies and molecular engineering to one of the industry's most innovative research organizations. As a Senior Scientist in Exploratory Chemical Biology at Novartis Biomedical Research, you will help unlock new therapeutic possibilities across small molecules, peptides, and proteins. You'll collaborate with world-class scientists, apply emerging discovery technologies, and contribute to building next-generation platforms that enable breakthrough medicines. If you thrive in a fast-paced, highly collaborative environment and are excited by scientific innovation, this role offers an exceptional opportunity to make a meaningful impact on how future medicines are discovered.

Key Responsibilities:

- Design and execute peptide and protein discovery campaigns using phage, mRNA, yeast, and other display or selection platforms.
- Generate, characterize, and quality-control combinatorial libraries using cloning, PCR, DNA assembly, mutagenesis, and sequencing.
- Identify and optimize discovery candidates through iterative selection, molecular engineering, and biochemical or biophysical characterization using ELISA, flow cytometry, BLI, SPR, and related technologies.
- Analyze data and clearly communicate findings to project teams.
- Implement new technologies, workflows, and automation approaches to improve discovery efficiency.

Essential Requirements:

- BS, MS, or recent PhD (within last 2 years) in Molecular Biology, Biochemistry, Biotechnology, Chemical Biology, Bioengineering, or a related field, with 4+ years of relevant experience or training. Drug discovery experience preferred.
- Hands-on experience with display technologies (phage, yeast, and/or mRNA), screening and assay technologies, and molecular biology methods, including library construction and quality control, PCR, cloning, electroporation, and DNA assembly.
- Strong laboratory skills, attention to experimental detail, and accurate, timely documentation in electronic laboratory notebooks.
- Strong organizational and prioritization skills, with the ability to manage multiple tasks and deliver results within established timelines.
- Excellent written and verbal communication and interpersonal skills, with a demonstrated ability to work effectively in a diverse, collaborative team.

Compensation and Benefits:

The salary for this position is expected to range between \$93,800 and \$174,200 annually for Senior Scientist I, and \$98,700 and \$183,300 USD annually for Senior Scientist II. 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](#).

Role Requirements

Division

DIV_RE

Business Unit

Research

Location

LOC_US

Site

San Diego

Company / Legal Entity

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

Functional Area

FCT_RD

Job Type

Full time

Employment Type

Regular

Shift Work

No

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