NOVARTIS

Research Scientist I or II, Oligonucleotide Chemistry

Job ID
REQ-10085156
Aug 28, 2026
LOC_US

About the Role

Key Responsibilities

- Execute solid-phase synthesis of research-scale oligonucleotides using advanced automated DNA and RNA synthesizers.
- Purify, desalt, and characterize oligonucleotides using chromatographic and mass spectrometry techniques.
- Develop and optimize synthesis, purification, and analytical methods to improve performance and reproducibility.
- Operate, maintain, and troubleshoot laboratory instrumentation supporting oligonucleotide production and analysis.
- Prepare and maintain standard operating procedures to support high-quality and consistent laboratory practices.
- Organize, analyze, and document experimental results using electronic laboratory notebook systems.
- Contribute effectively within a collaborative, fast-paced research environment focused on therapeutic innovation.

Essential Requirements

- Bachelor of Science or Master of Science in Chemistry or a related scientific discipline.
- One to three years of laboratory experience in academic or industrial research environments.
- Hands-on experience with automated solid-phase synthesizers and therapeutic oligonucleotide synthesis workflows.
- Proficiency in oligonucleotide purification, characterization, and analysis using chromatography and mass spectrometry techniques.
- Understanding of RNA therapeutics and their application in biological systems.
- Strong collaboration, adaptability, and self-motivation in a fast-paced scientific environment.

Desirable Requirements

- Experience supporting oligonucleotide process development, optimization, or technology innovation initiatives.
- Excellent scientific communication skills with the ability to present findings to multidisciplinary teams.

Rewards

At Novartis, we’re committed to reimagining medicine together - and rewarding the people who make it happen.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and a minimum of 14 weeks paid parental leave.

Expected Annual Base Salary Range for role:

- US:66,800.00 - 124,000.00 USD Annual

The salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters. Further details will be provided during the application process.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

Read our brochure to learn more about our global total rewards offering: https://www.novartis.com/sites/novartis_com/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Commitment to Diversity and Inclusion / EEO paragraph:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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

Role Requirements

Division
DIV_RE
Business Unit
Research
Location
LOC_US
Site
Cambridge (USA)
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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