

Research Scientist - xRNA Biology

Job ID
REQ-10086044
avr 26, 2026
CША

Сводка

Work Arrangement: Onsite #LI-Onsite

Location: Cambridge, United States

Relocation Support: This role is based in Cambridge, United States. Novartis is unable to offer relocation support: please only apply if accessible.

At the Novartis, we are reimagining medicine by transforming breakthrough science into life-changing therapies for patients worldwide. As a Research Scientist in the xRNA Biology group, you will join a highly collaborative team at the forefront of RNA therapeutics, helping advance innovative small interfering RNA programs from discovery through development. This is an exciting opportunity to work with cutting-edge technologies, contribute directly to therapeutic innovation, and accelerate the development of the next generation of nucleic acid medicines.

About the Role

Key Responsibilities

- Conduct biochemical assays including Reverse Transcription Quantitative Polymerase Chain Reaction, Enzyme-Linked Immunosorbent Assay, and immunoprecipitation studies.
- Isolate and quantify small interfering RNA and messenger RNA from cell and tissue samples.
- Perform cell culture maintenance and execute in vitro transfection experiments.
- Generate high-quality bioanalytical data to support small interfering RNA therapeutic development.
- Analyze experimental results and provide clear scientific recommendations to project teams.
- Prepare experimental protocols, technical reports, and scientific presentations for internal stakeholders.
- Support biodistribution, pharmacokinetic, and stability assessments across multiple therapeutic programs.

Essential Requirements

- Bachelor's degree with relevant industry or academic experience in Biology, Molecular Biology, or a related scientific field.
- Hands-on experience in RT-PCR
- Hands-on experience with cell culture, messenger RNA isolation, and Reverse Transcription Quantitative Polymerase Chain Reaction techniques.
- Strong scientific problem-solving skills with the ability to independently execute and troubleshoot experiments.
- Excellent organizational skills, attention to detail, and ability to manage multiple priorities in a fast-paced environment.
- Strong collaboration and communication skills with the ability to effectively present and discuss scientific findings.

Desirable Requirements

- Experience with small interfering RNA, antisense oligonucleotides, or other oligonucleotide-based therapeutics

Why Novartis?

Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us.

Rewards:

The salary for this position is expected to range between \$66,800 & \$124,000 per 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>

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally. [Read our handbook \(PDF 30 MB\)](#)

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Дивизион

Biomedical Research

Business Unit

Research

Место

США

Состояние

Massachusetts

Сайт

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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