NOVARTIS

Expert/Senior* Expert Gene Therapy Analytical Development - Bioassay

Job ID
REQ-10084640
Nov 06, 2026
LOC_US

About the Role

#LI-Onsite

This role is based in East Hanover. Novartis is unable to offer relocation support for this role. Please only apply if this location is accessible for you.

As a key member of the Analytical Development team, this individualwill support developmental activities to aid in delivering gene therapy to patients. The successful candidate will support technical and development projects designed to characterize gene therapy products through an assortment of analytical methods. This role will also contribute to cross-functional activities including monitoring and characterizing of processes and products to identify opportunities for continuous improvement. Growth mentality and passion to serve patients, his/her technical team and development programs is a must.

What you will be doing;

- Contribute to all project/network strategy and drive the implementation; apply scientific/technical/ GMP and/or quality-related expertise to address complex R&D issues within a multifunctional project team.
- Work with/coach team members and contribute to global technical strategies and goals; maintain and qualify equipment/infrastructure and manage operational aspects in lab as assigned.
- Design, plan, perform, interpret and report scientific experiments or GMP testing or pilot plant processes for the preparation and timely delivery of drug substances (DS), drug products (DP), processes or procedures.
- Design, plan, and perform product characterization studies using cell-based assaysand other plate-based assays using variety of platforms including ELISA, MSD, high-content imaging and luminescent/fluorescent plate reader
- Identify, develop, validate and implement novel analytical assays and new GMP-compliant methodologies for pipeline gene therapy products
- Drive project timelines and deliverables while meeting internal quality and data integrity requirements
- Implement resolution to technical challenges, communicate effectively and present complex data within the department and cross-functionally
- Author and/or review method development reports, SOPs, validation reports and technical documents for regulatory filings
- Actively contribute to analytical development for clinical and commercial manufacturing and assist in advancing science-driven and innovative methodologies
- Independently identify new scientific technologies and instrumentation with the potential to improve development workflows. Actively ahead of the latest advances in analytical technologies for cell and gene therapy
- Work according to appropriate GMP/GLP regulations and Novartis SOPs/Guidelines and Code of Conduct.
- Other related job duties as assigned.

What you will bring to the role;

- For Expert level: Bachelor's degree in biology, Biochemistry, Molecular Biology, Immunology or related scientific discipline with > 2 years of prior industry experience required. BS with > 5 years, MS with >2 years, Ph.D. with >1 year experience preferred
- For Sr. Expert level: Bachelor’s degree in Biology, Biochemistry, Molecular Biology, Immunology or related scientific

discipline with > 4 years of prior experience in industry required. BS with > 5 years, MS with > 4 years and Ph.D. with > 3 years experience preferred
- Established experience with analytical method development and validation for cell-based assays and other plate-based assays using variety of platforms including PCR, ELISA, flow cytometry, MSD, high-content imaging and luminescent/fluorescent plate reader
- Strong scientific background and understanding of gene therapy, cell biology and drug product development
- Demonstrated ability to work collaboratively in a fast-paced team environment and quickly acquire new technical skills and knowledge
- Drives innovation by researching relevant literature to improve existing methodologies while evaluating alternative approaches
- Excellent organizational, communication and scientific/technical writing skills
- Facilitates the incorporation of ideas from conferences or literature into work processes
- Experience working with AAV, LVV analytics preferred.
- Knowledge of using AI in daily activities is a plus

*This is a dual level posting, and candidate will be assessed for both levels based on their knowledge and experience.

Benefits & Rewards

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

Expected Annual Base Salary Range for role at Expert and Senior Expert levels:

Expert (level 3) $93,800.00 - 134,000.00 - 174,200.00
Senior Expert (level 4) $119,700.00 - 171,000.00 -222,300.00

The base 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.

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 minimum 14 weeks paid parental leave.

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.

Role Requirements

Division
DIV_GD
Business Unit
Development
Location
LOC_US
Site
East Hanover
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Functional Area
FCT_RD
Job Type
Full time
Employment Type
Regular
Shift Work
No
Apply to Job

Job ID
REQ-10084640

Expert/Senior* Expert Gene Therapy Analytical Development - Bioassay

Apply to Job

Source URL: *https://jobapi.novartis.com/req-10084640-expertsenior-expert-gene-therapy-analytical-development-bioassay*

List of links present in page

1. https://jobapi.novartis.com/req-10084640-expertsenior-expert-gene-therapy-analytical-development-bioassay
2. https://www.novartis.com/sites/novartis_com/files/novartis-life-handbook.pdf
3. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/East-Hanover/Expert-Senior--Expert-Gene-Therapy-Analytical-Development---Bioassay_REQ-10084640-1
4. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/East-Hanover/Expert-Senior--Expert-Gene-Therapy-Analytical-Development---Bioassay_REQ-10084640-1