

# Expert / Senior Expert Science & Technology

Job ID  
REQ-10015323  
Juil 23, 2024  
Etats-Unis

## Résumé

As a key member of the Analytical Development team, this individual will 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.

## About the Role

### Major accountabilities:

- 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.
- 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 assays and 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.

### **Minimum Requirements:**

The level of this role is commensurate to candidate's experience and education. For Senior Expert:

- 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

For Expert:

- Bachelor's degree in Analytical Chemistry, 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
- Strong understanding and working knowledge of Cell Biology, protein, and DNA chemistry.
- Strong understanding and working experience with chromatography (HPLC), Capillary electrophoresis (CE), mass spectrometry (MS) based and other biophysical assays
- Working knowledge on analytical software including but not limited to Chromeleon, Empower, Chemstation, Astra, 32Karat, Xcalibur, Mascot, and Byonic a plus.
- Quick learner, highly motivated, hard-working and detail oriented.
- Strong ability to work in a fast-paced team environment with highly goal-oriented approaches and to prioritize work from multiple projects with can-do attitude is required.
- Excellent written and verbal communication skills.
- Established ability to work in a regulated environment.
- Good presentation skills and scientific/technical writing skills
- Experience working with AAV, LVV analytics preferred.

The pay range for this position at commencement of employment is expected to be between \$102,400 - 153,600 for Expert & \$124,000 - 186,000 for Senior Expert /year; however, while salary ranges are effective

from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

**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?  
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building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration and empowers our people to unleash their full potential.

## 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](mailto: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.

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U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area

Recherche & Développement

Job Type

Full time

Employment Type

Regular

Shift Work

No

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