

Expert Science & Technology, Downstream Process Development

Job ID
REQ-10064528

10月 20, 2025

USA

摘要

#LI-Onsite
Internal Job Title: Expert Science & Technology
Location: Durham, NC

The Expert Science & Technology (Downstream) is responsible for the gene therapy downstream process development for designing and executing downstream process development activities, as well as performing downstream process operations at both small scale and large scale to support pipeline research and pre-clinical studies.

About the Role

Key Responsibilities:

- Advances complex downstream process development efforts
- Independently designs and executes gene therapy downstream process development studies

- ▮ Performs experiments at both large-scale and small-scale to support pre-clinical, clinical and commercial programs. Ensures these experiments are done in a timely fashion with high quality
- ▮ Stays current with the latest scientific and engineering developments in the field
- ▮ Leverages strong understanding of biologics downstream process to evaluate and introduces new technologies and innovative ideas related to downstream process development
- ▮ Analyzes and interprets experimental data from process studies with strong statistical mindset. Makes decisions based on statistically sound conclusions
- ▮ Presents study results internally and externally in a cross-functional setting.
- ▮ Independently authors technical reports of studies of process development activities and laboratory experiments, such as development report, study report, investigational summary report, etc.
- ▮ Collaborates with cross-functional groups to advance pipeline programs. Provides support for regulatory filings and author sections in IND filings

Essential Requirements:

- ▮ Bachelor's degree in biological sciences, pharmaceutical sciences or related technical field with at least 4 years relevant experience or Master's degree in biological sciences, pharmaceutical sciences or a related technical field with at least 2 years of experience, or a PhD in a relevant field (recent PhD graduates with applicable experience will be considered).
- ▮ Comprehensive experience with a variety of biopharmaceutical purification processes such as chromatographic separation, depth filtration, precipitation & flocculation, tangential flow filtration, adventitious viral clearance, ultracentrifugation, and impurity clearance
- ▮ Proficient in statistical analysis principles and approaches. Working knowledge and experience with Design of Experiment (DoE)
- ▮ Ability to analyze data to make data-driven decisions and further progress development strategies
- ▮ Innovative with a continuous improvement mindset.
- ▮ Good communication skills with project management experience in cross-functional setting

Desirable Requirements:

- ▮ Knowledge of current Good Manufacturing Practices (cGMP) requirements and their indication in process development environment
- ▮ Knowledge of viral gene therapy and previous experience with AAV or LVV downstream process development is a plus
- ▮ Experience with mechanistic modeling a plus

The salary for this position is expected to range between \$93,800 and \$174,200 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>

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Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

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Universal Hierarchy Node

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状态
North Carolina

站点
Durham

Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

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