

Senior Expert - Science & Technology (Downstream Process Development)

Job ID
REQ-10014148
Sep 12, 2024
USA

Summary

Internal Job Title: Senior Expert Science & Technology
Position is on-site in Durham, NC
#LI-Onsite

About the Role:

Join us in reimagining Cell and Gene Therapies and advancing scientific breakthroughs for patients with unmet medical needs. We transform the lives of people by developing innovative and life-changing medicines

The Senior Expert, Science & Technology (Downstream) is responsible as a technical lead in 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

Your Key Responsibilities:

Your responsibilities will include, but are not limited to:

- Advances complex downstream process development efforts as a technical lead within a cross-functional team across sites
- 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, ensuring 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 introduce new technologies and innovative ideas related to downstream process development
- Analyzes and interprets experimental data from process studies with strong statistical mindset, making decisions based on statistically sound conclusions
- Presents study results internally and externally in a cross-functional setting
- Independently authors technical reports for process development activities and laboratory experiments
- Collaborates with cross-functional groups to advance pipeline programs, providing support for regulatory filings and author sections in IND filings
- Leads and mentors technical team fostering innovative and collaborative culture
- Communicates effectively with diverse teams to coordinate lab activities and manage resources

*Multiple positions available

Role Requirements

- Bachelor's, biological sciences, pharmaceutical sciences, chemical engineering or related technical field with 8 years relevant experience, Master's with 6 years of experience, or PhD with 4 years of experience
- 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
- Proven team leader with previous experience of effectively leading technical group
- Innovative with a continuous improvement mindset
- Good communication skills with project management experience in cross-functional setting

Desired Requirements:

- Knowledge of viral gene therapy and previous experience with AAV or LVV downstream process development is a plus
- Experience with mechanistic modeling a plus

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

Commitment to Diversity & Inclusion: The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to 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.

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$124,000-\$186,000/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.

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about

suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

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>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Division

Development

Business Unit

Innovative Medicines

Location

USA

Site

Durham

Company / Legal Entity

U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

[Apply to Job](#)

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

iframe{ width: 100%; margin-top: 3rem; } @media screen and (max-width: 767px){ iframe{ height: 30vh !important; } } @media screen and (min-width: 768px){ iframe{ height: 34vh !important; } }

Job ID

REQ-10014148

Senior Expert - Science & Technology (Downstream Process Development)

[Apply to Job](#)

Source URL: <https://qa1.novartis.us/us-en/careers/career-search/job/details/req-10014148-senior-expert-science-technology-downstream-process-development>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://www.novartis.com/careers/benefits-rewards>
3. <https://talentnetwork.novartis.com/network>
4. <https://www.novartis.com/about/strategy/people-and-culture>
5. <https://talentnetwork.novartis.com/network>
6. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Durham/Senior-Expert---Science---Technology--Downstream-Process-Development-_REQ-10014148
7. <https://talentnetwork.novartis.com/network>
8. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Durham/Senior-Expert---Science---Technology--Downstream-Process-Development-_REQ-10014148