

# Engineer, Manufacturing Science and Tech

Job ID  
REQ-10022820  
Sep 24, 2024  
USA

## Summary

The Engineer, Manufacturing Science and Technology assists with the development and improvement activities for the cell culture, recovery, purification, and/or aseptic fill/finish manufacturing processes used to manufacture gene therapy products at a site.

## About the Role

### Responsibilities:

- Supports the collection and interpretation of continued process verification data and collaborate with other departments on manufacturing related issues to drive resolution and process improvements.
- Serve as a scientific and technical representative for process-related issues and investigations at the facility.
- Performs trending and monitoring of critical quality attributes/critical process parameters to maintain product quality and to control process drift.
- Supports tech transfer of new products and processes to ensure smooth transition from process development into GMP manufacturing.
- Looks for opportunities to implement operational excellence and continuous improvement.
- Partners with Quality to ensure a compliant manufacturing environment.
- Partners with manufacturing to meet the production schedule, ensure commercial supply and uphold quality standards, and participates in start-up efforts of new equipment, software or processes in manufacturing.
- Assists in documenting changes/updates to manufacturing processes and partner with manufacturing, engineering and validation to implement those changes.
- Provides technical/scientific support on project deliverables, i.e. remediation initiatives, plan reports.
- Completes requisite training, as well as applicable policies and procedures, related to the job function is an expectation to support ongoing manufacturing support.

### Requirements:

- Bachelor's degree in biochemistry, chemical engineering, bioengineering, or related technical field with 4 years of experience in biopharmaceutical based GMP manufacturing operations including direct experience in cell culture, recovery, purification, and/or aseptic fill/finish, or related engineering field.
- Bachelor's degree in biochemistry, chemical engineering, bioengineering, or related technical field with 3 years of direct Novartis GTx experience.
- Master of Science degree in biochemistry, chemical engineering, bioengineering, or related technical field with 2 years of experience in support of biopharmaceutical manufacturing, or related engineering field.

- Familiar with global regulations on cGMP manufacturing of drug substance, drug products devices, validation/qualification requirements.
- Strong technical writing ability.
- Proven ability to effectively participate on teams.

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<https://www.novartis.com/about/strategy/people-and-culture>. The pay range for this position at commencement of employment is expected to be between \$97,600-146,400 annual; however, base pay offered may vary depending on multiple individualized factors, including market location, job-related knowledge, skills, and experience. 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. You can find everything you need to know about our benefits and rewards in the Novartis Life

Handbook. <https://www.novartis.com/careers/benefits-rewards>

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Division

Operations

Business Unit

Innovative Medicines

Location

USA

Site

Durham

Company / Legal Entity

U473 (FCRS = US473) Novartis Gene Therapies

Functional Area

Technical Operations

Job Type

Full time

Employment Type

Regular

Shift Work

No

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