

Sr. Manager, Manufacturing Execution Systems (MES)

Job ID

REQ-10084561

Jul 31, 2026

LOC_US

About the Role

Location:

- This position will be located in Durham, NC and will be an onsite role.
- Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

Key Responsibilities:

- Lead strategy, governance, and operational oversight for MES across the site.
- Align MES priorities with manufacturing goals, project commitments, and production readiness requirements.
- Oversee MES lifecycle management, including support, enhancements, upgrades, and system compliance.
- Ensure manufacturing systems meet GMP, FDA, data integrity, and quality requirements.
- Partner across Manufacturing, Quality, Engineering, and IT to resolve complex system challenges.
- Drive continuous improvement using performance metrics, operational trends, and KPIs.
- Support 24/7 manufacturing operations through effective MES troubleshooting and issue resolution.
- Lead cross-functional projects, balancing resources and priorities to deliver business-critical initiatives.
- Maintain audit-ready systems, documentation, procedures, and compliance practices.
- Develop high-performing teams through coaching, talent development, and a culture of accountability.

Essential Requirements:

- Bachelor's degree in Biological Sciences, Engineering, Information Systems, Automation, or a related technical field.
- Minimum eight years of experience in manufacturing systems, MES, automation, or regulated manufacturing environments.
- Experience within the pharmaceutical or biopharmaceutical industry.
- Strong knowledge of GMP, FDA regulations, electronic manufacturing systems, and data integrity principles.
- Demonstrated success leading and developing technical or manufacturing-focused teams.
- Proven ability to lead complex cross-functional projects within a matrix organization.
- Excellent verbal and written communication skills with the ability to influence diverse stakeholders.
- Strong collaboration and relationship-building skills across Manufacturing, Quality, MS&T, Engineering, IT, and Finance.

Desirable Requirements

- Experience with MES roadmaps, manufacturing data analytics, KPIs, and digital manufacturing transformation initiatives.
- Experience supporting validation, change control, CAPAs, audit readiness, and regulatory inspections for GMP computerized systems.

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between \$108,500 and 201,500 annually

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.

#LI-Onsite

Role Requirements

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: Learn about all the ways we'll help you thrive personally and professionally.

[Read our handbook \(PDF 30 MB\)](#)

Division

DIV_TO

Business Unit

Production / Manufacturing

Location

LOC_US

Site

Durham

Company / Legal Entity

U473 (FCRS = US473) Novartis Gene Therapies

Functional Area

FCT_TO

Job Type

Full time

Employment Type

Regular

Shift Work

No

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