NOVARTIS

Biotech Engineer / PAT Specialist

Job ID
REQ-10089819
Nov 09, 2026
LOC_FR

About the Role

Key Responsibilities

- Implement high-throughput approaches for real-time bioprocess monitoring and optimization, leveraging automation, online analytics and advanced data analysis.
- Lead technology development and continuous improvement initiatives supporting process intensification.
- Develop and deploy spectroscopy-based Process Analytical Technology methods, including Raman and dielectric spectroscopies.
- Support the implementation of innovative technologies that advance manufacturing processes and operational performance.
- Interpret spectral data and establish secure data management and analysis procedures aligned with Good Manufacturing Practice requirements.
- Apply multivariate data analysis methods for model development, validation and ongoing maintenance.
- Partner with Production, , Engineering and Automation teams to integrate new technologies in commercial manufacturing processes
- Analyze and communicate complex datasets through clear technical reports and presentations to support informed decision-making.

Essential Requirements

- University degree in Biotechnology, Chemical Engineering or a related scientific field.
- 2–5 years of experience in the biopharmaceutical industry, with practical experience in biotechnology processes.
- Strong knowledge of advanced statistical methods and Multivariate Data Analysis, applied within a biotechnology environment.
- Proven experience with cell culture and/or purification processes, including process scale-up and scale-down.
- Experience working with complex process and spectral datasets, including developing, validating and interpreting data models.
- Good understanding of the pharmaceutical regulatory environment, including Good Manufacturing Practices, Quality Assurance, Quality Control and International Council for Harmonisation guidelines.
- Fluent English, with strong communication, problem-solving and cross-functional collaboration skills.

Desirable Requirements

- Experience with Raman spectroscopy or other spectroscopy-based Process Analytical Technology methods.
- Experience with online biomass monitoring or related real-time bioprocess analytical technologies.
- Previous experience with technology integration in GMP environments is a plus.

We offer you a temporary contract, for the period of covering maternity leave.

Benefits & Rewards

At Novartis, we're committed to reimagining medicine together - and rewarding the people who make it happen.

Expected Annual Base Salary Range for role:€ 44,000 to € 81,800

The base salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and minimum 14 weeks paid parental leave.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

Read our brochure to learn more about our global total rewards offering:
https://www.novartis.com/sites/novartis_com/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Commitment to Diversity and Inclusion

Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

Role Requirements

Primary location salary range
€44,000.00 - €81,800.00
Division
DIV_TO
Business Unit
Production / Manufacturing
Location
LOC_FR
Site
Huningue
Company / Legal Entity
FR12 (FCRS = FR012) Novartis Pharma S.A.S.
Functional Area
FCT_TO
Job Type
Full time
Employment Type
CDD (durée déterminée)
Shift Work
No
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