

# Formulation Project Leader – Oral Dosage Forms (80-100%)

Job ID  
REQ-10027151  
Dec 19, 2024  
Switzerland

## Summary

Location: Basel, Switzerland

### Role Purpose:

Novartis holds a rich development portfolio of small molecules ready to develop into innovative patient centric oral dosage forms. As a Formulation Project Leader working on oral dosage forms, you will lead and manage formulation and manufacturing activities linked to pharmaceutical development for small molecules (New Chemical Entities; NCE) for assigned projects. For this position, specific emphasis lies on bringing in-depth experience in applied data science, mechanistic modelling and simulation of pharmaceutical unit operations.

## About the Role

### Your responsibilities will include but are not limited to:

- You drive the modeling and simulation in the formulation and process development activities.
- You are accountable to develop and implement data-driven and physics-based models.
- You role-model applying data-centric ways of working by leading and implementing digital transformation initiatives in development activities.
- You role-model advanced data processing and handling.
- You support the design and development of (enabling) formulation and manufacturing process deliverables.
- You contribute to the creation and updating of formulation project plans aligned with the overall Drug Product (DP) and TRD project plans and internal guidance.
- You closely collaborate with DP sub-team members. You understand, identify and manage with them together critical aspects around DS, DP, packaging, device and analytics.
- You ensure authoring of correct, comprehensible, structured, complete and legible scientific development reports and GMP Supply documents to allow timely start of development trials, process transfers and supply activities.
- You contribute to the generation of filing dossiers, answer DP related questions in inspections and support Health Authority requests.

### What you'll bring to the role:

- Advanced degree (minimum PhD) in a relevant scientific field
- Minimum 2-4 years of successful industry experience applying data science and modeling & simulation in the development of pharmaceutical products

- Experience in implementing computational models to guide formulation and/or manufacturing processes development of drug products. For example, quantum chemistry/cheminformatics for formulation development including solubility prediction and/or energy and mass balances for manufacturing process development including granulation, blending, compression etc.
- Good knowledge of data science and data visualization
- Strong background in programming and/or machine learning
- Excellent scientific skills
- Interdisciplinary thinking and interest in collaboration with other functions
- Successfully demonstrated track record of creativity and problem solving in projects.
- Good communication, organizational, planning and negotiation skills (German language skills desired).

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.

#### Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to [inclusion.switzerland@novartis.com](mailto:inclusion.switzerland@novartis.com) and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

**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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Division

Development

Business Unit

Innovative Medicines

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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