NOVARTIS

# Senior Principal Pharmacometrician

Job ID
REQ-10054696
Jun 24, 2025
USA

## Summary

We are 100 quantitative scientists supporting more than 80 clinical development projects in 10 therapeutic areas every day. As a Senior Principal Pharmacometrics Scientist, you will be responsible for the discussion and implementation of pharmacometrics methodologies as well as providing pharmacometrics support for regulatory submissions and integrated evidence generation contributing to drug development decisions with internal and external partners.

## About the Role

Onsite
#LI-Onsite
Cambridge, Massachusetts

**Your Key Responsibilities:**

- Provide global strategic pharmacometrics leadership and support to clinical development programs of low to mid complexity, based on relevant technical and disease area knowledge
- Contextualizing the modeling question with the relevance to drug and disease biology
- Developing an understanding of drug development applied to scoping relevant questions for Pharmacometrics analysis
- Communication of modeling to project teams in multiple settings such as decision board meetings, small sub-teams, etc.
- Drive the pharmacometrics contributions to regulatory/submission strategy and related documents (e.g. briefing books, summaries of clinical pharmacology/efficacy/safety, responses to Health Authority questions) with oversights
- Assess pharmacometrics requirements insuring the integration of pharmacometrics information into transition of drug development milestones / decision boards
- Contribute to Integrated Evidence generation by leveraging disease progression and Pharmacokinetic-Pharmacodynamic modeling techniques using varied data sources, including Real World Data
- Align with the Analytics team (biometrician, data management, database programming, programming, medical and scientific writing) on the pharmacometrics strategy, execution, and delivery of assigned projects

**Video Link:** https://www.youtube.com/watch?v=ggbnzRY9z8w

The ideal location for this role is the Cambridge, MA or East Hanover, NJ site. This role offers hybrid working, requiring 3 days per week or 12 days per month in the office.

**Essential Requirements:**

- Ph.D. in pharmacology, biology, engineering, mathematics, statistics, or a field with significant modeling-related content (or equivalent) with 3+ years' experience in clinical drug development applying model-based methods using NLME methods and its application in Dose-exposure-response analysis, population PK/PD modeling, disease progression modeling and clinical trial simulation in academia and/or industry
- Clinical pharmacology, statistics and therapeutic knowledge in one or more disease areas
- Diverse experience in pharma industry on incorporation of model-informed drug development (MIDD) strategies into drug development plans across all phases and answering challenging questions on dose and regimen justification, study design, safety analysis among others
- Ability to develop and deliver clear, concise presentations, drive discussions and decision making for both internal and external meetings

**Novartis Compensation and Benefit Summary:**

The salary for this position is expected to range between $119,700 and $222,300 per year.

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.

**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

**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

**EEO Statement:**

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

**Accessibility & Reasonable Accommodations**

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to

individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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