Associate Director Pharmacometrics

Job ID
REQ-10057260

7月 17, 2025

Switzerland

摘要

We are 100 quantitative scientists supporting more than 80 clinical development projects in 10 therapeutic areas every day. As the Associate Director Pharmacometrics, you will drive the pharmacometric strategy for programs in multiple indications or a disease area. You will define the quantitative strategy that will be part of the Integrated Development Plans (IDP) for projects in Research and Early Development. In this role, you will perform or supervise execution of the pharmacometrics strategy in those programs with focus on implementing model-informed drug development (MIDD) approaches. You may manage a portfolio of projects at the disease area or indication level. You will set the strategy for informed decision making at early-stage project milestones, directly influencing drug development decisions with internal and external partners.

About the Role

Your Key Responsibilities:

- Provide global strategic pharmacometrics leadership for integrated development plans of medium to high complexity, based on relevant technical and disease area knowledge
- Lead and drive PMX contributions to integrate relevant technical and scientific knowledge in the planning and execution of robust quantitative development programs with focus on MIDD strategies
- Drive and coordinate the synthesis and integration of pharmacometrics information to support transition of drug development milestones / decision boards; identify alternative strategic options to mitigate risk on clinical programs
- Act as the PMX representative on early project teams and contribute to interactions with Health Authorities (e.g., responsible for PMX contributions to Briefing books, Investigator brochures, etc.)
- Proactively interact with partner line functions (pharmacologists, clinicians, statisticians, preclinical modelers, biomarker experts) on quantitative pharmacology aspects
- Plan, develop, execute and document PMX analyses
- Contribute to Integrated Evidence generation by leveraging disease progression and PKPD modeling techniques using various data sources (e.g., literature or Real-World Data); use historical data and knowledge for early benchmarking of assets

- Represent PMX in due-diligence teams to evaluate in-licensing opportunities

Essential Requirements:

- Ph.D. in pharmacology, biology, engineering, mathematics, statistics, or a field with significant modeling-related content (or equivalent) with 6+ 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 MIDD strategies into drug development plans across all phases and answering challenging questions on dose and regimen justification, study design, safety analysis among others
- Track record of contributions to external whitepapers/ policy shaping best practice in pharmacometrics. Internally and externally established track record of developing/establishing pharmacometrics excellence
- Scientific leadership skills demonstrated in facilitating and optimizing the clinical development strategy. Track record for global scientific leadership in the development and evaluation of modern program/trial design methodologies

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部门
Development

Business Unit
Innovative Medicines

地点
Switzerland

站点
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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