NOVARTIS

ED, Advance Analytics and Precision Health

Job ID
REQ-10090236
Oct 27, 2026
LOC_US

About the Role

Key Responsibilities:

- Lead the team responsible for analyzing healthcare data, including clinical trial datasets, transactional claims, and electronic health records. Guide the application of established and novel statistical and analytical techniques to support strategic objectives in patient identification, diagnostics utilization, and RWE analytics.
- Develop and lead strategic partnerships with providers to identify eligible patients in their existing patient pools. Lead the team in leveraging analysis of provider EHR to inform strategic initiatives and improve patient outcomes.
- Oversee the use of data generated by digital health technologies (DHTs) to capture patient-generated data, electronic patient-reported outcomes (ePROs), and electronic clinical outcome assessments (eCOAs). Guide the team in supporting key strategic goals.
- Lead the tracking and analysis of metrics on companion diagnostic availability, offering, and usage. Provide the roadmap to enhance diagnostic strategies and improve patient care.
- Lead initiatives that analyze real-world evidence and clinical & diagnostic data to identify patterns and indicators associated with patient response to treatment regimens. Focus on strategic insights, especially regarding genetic and biomarker indicators.
- Aligning with NVS stakeholders on research, evidence development, and clinical strategies to drive strategic decision-making, generation of data-driven insights, and the implementation of personalized and precision medicine in healthcare systems.
- Guide the team in conducting the analysis, drafting and reviewing of the relevant sections of technical and study reports, manuscripts for publishing in high-impact peer-reviewed journals, and abstracts and presentations for international conferences. Ensure alignment with strategic goals and organizational priorities.
- Communicate complex concepts and interpretations of analysis and findings to diverse audiences, including internal leadership and stakeholders, health economists, clinicians, and health systems. Influence decision-making and strategic planning through effective communication.
- Communicate high impact relevant insights on underdiagnosed or undertreated patients to the Patient Finding team. Ensure insights are strategically aligned and actionable.

Experience:

Novartis seeks an individual with extensive experience in the pharmaceutical or healthcare industry, with a strong understanding of personalized and precision medicine approaches. This individual should have a proven track record in applying epidemiological principles to assess target patient populations and inform treatment strategies. A strong analytical background is essential, with the ability to analyze complex datasets and derive actionable insights.

Essential Requirements:

- Minimum 10+ years of experience in the pharmaceutical or healthcare industry, with a deep understanding of personalized and precision medicine
- A bachelor's degree in Medicine, Pharmacology, Epidemiology, Data Science, or a related field; an MBA or advanced degree is preferred
- Minimum 5+ years of domain expertise in these areas are highly desired: Personalized and precision healthcare secondary data analytics, data science, primary market research, field analytics and insights, market access and patient service analytics, or other related strategic analytics and management consulting
- Minimum 5+ years of people management experience. Proven track record of enabling data-driven decision-making at a senior leadership level, including addressing complex business challenges and shaping organizational strategy particularly in therapeutic areas
- Proficiency in analyzing healthcare data, including clinical trial datasets and electronic health records, using advanced statistical techniques (e.g., data modelling, time to event analysis)
- Familiarity with digital health tools / technologies and their application in capturing patient-generated data and outcomes
- Experience in working with clinical and diagnostic data to identify genetic and biomarker indicators that influence treatment efficacy
- Ability to draft and review technical reports, manuscripts, and presentations for high-impact scientific publications and conferences
- Excellent communication skills, with the ability to present complex insights and strategies effectively to diverse audiences
- Proven ability to collaborate with healthcare providers, internal stakeholders, and cross-functional teams to align strategies and initiatives
- Strong leadership skills in a team environment which requires negotiation, persuasion, collaboration, and analytical judgment
- Ability to thrive in a fast-paced, dynamic environment and adapt to changing business needs and priorities

Novartis Compensation Summary:

The salary for this position is expected to range between $225,400.00 and $418,600.00 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.

Role Requirements

Division
DIV_IU
Business Unit
General Management
Location
LOC_US
Site
Remote Position (USA)
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Alternative Location 1
LOC_US
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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