Principal Statistical Consultant Advanced Methodology & Data Science

Job ID
280183BR

Position Title
Principal Statistical Consultant Advanced Methodology & Data Science

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Job Description

The digital revolution is dynamically changing the roles and the responsibilities of a biostatistician in the pharmaceutical industry due to the diversity of data now being used to design clinical trials and determine which patients are most likely to have the most benefit from these innovative therapies. At Novartis, we have 20 years of data from a diverse portfolio of diseases that needs to be further explored to deliver the best innovative new medicines to patients who will receive the greatest benefit.

The Principal Statistical Consultant will work in collaboration with Biostatisticians, Pharmacometricians, Global Project Teams and senior Advanced Methodology & Data Science (AMDS) colleagues to ensure the use of state-of-the-art statistical methods, models and machine learning are used at the trial and project level.
Scientific Innovation and Training.
- Help developing new quantitative methods with the aim of improving drug development at Novartis in multiple projects. The focus includes clinical trial design, modeling, visualization and machine learning
- Support evaluating the need of technology and novel scientific software, visualization tools and new approaches to computation to increase efficiency and quality of Novartis drug development practices External Engagement.
- Publish in peer reviewed journals, participate in professional conferences and contribute towards cross-industry work streams in external scientific working groups.

EEO Statement

The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or any other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, marital or veteran status, disability, or any other legally protected status.
Minimum requirements

Position will be filled at level commensurate with experience.
(May be hired at the Principal, Senior Principal, and Associate Director levels)

Education: MS or PhD (in statistics, biostatistics, data science, computational biology or equivalent)

Principal – PhD preferred OR MS with 3+ years’ experience
Senior Principal – PhD with 3+ years’ experience preferred OR MS with 7+ years’ experience
Associate Director – PhD with 6+ years’ experience preferred OR MS with 10+ years’ experience

• At least 1 year of experience with application of innovative quantitative methods in drug development setting preferred

• Knowledge in relevant quantitative approaches

• Ideally some experience in facilitating and optimizing the (early/full) clinical development strategy by using expertise in design, modeling or analytics

• Solid interpersonal and communication skills (verbal and written) bridging scientific and business needs

Why consider Novartis?

750 million. That’s how many lives our products touch. And while we’re proud of that fact, in this world of digital and technological transformation, we must also ask ourselves this: how can we continue to improve and extend even more people’s lives?

We believe the answers are found when curious, courageous and collaborative people like you are brought together in an inspiring environment. Where you’re given opportunities to explore the power of digital and data. Where you’re empowered to risk failure by taking smart risks, and where you’re surrounded by people who share your determination to tackle the world’s toughest medical challenges.
We are Novartis. Join us and help us reimagine medicine.

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