Computational Biologist

Job ID
285112BR

Position Title
Computational Biologist

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Job Description

40. Approximately the number of new drugs approved each year to treat disease. How will you add to that number to help us reimagine medicine?

Are you a puzzle solver at heart? We are looking for a computational detective who wields a passion for computational science with a foundation in biology to crack tough challenges to help bring treatments to patients in need.

We are the Data Science group in the department of Chemical Biology and Therapeutics (CBT). CBT is the catalyst for early drug discovery and we partner with disease area specialists, chemists, translational medicine experts, and more to discover new targets, identify compounds that change the course of a disease, and innovate the science of drug discovery.

Your responsibilities include but are not limited to:
• Apply your expertise to new questions and technologies

EEO Statement

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Minimum requirements

What you will bring to the role:

• Thirst for new knowledge and analytical challenges
• Problem solving mindset coupled with excellent scripting skills (R and / or python) and a proficiency in Linux, git, SQL and relevant software packages
• Familiarity with biological data of relevance for drug discovery and a curiosity for new data types and technologies
• Desire to work in teams and the ability to communicate your science with broad audiences (English oral and written)
• PhD and publications in computational biology, human or statistical genetics,
bioinformatics or related fields

Desirable requirements:

• Hands-on the keyboard experience with scRNAseq, human genetics, microbiome, immunology, and/or electronic medical records
• Familiarity with literate programming environments (such as jupyter, R Markdown, Databricks) and/or cloud computing
• Algorithmic/computational understanding of efficiently dealing with small and large sets of heterogeneous data

Why choose Novartis?

927 million. That’s how many lives our products touched in 2017. 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 reimagine medicine.