

Associate Scientist / Scientist – Data Science, Oncology Biomarker Development

Job ID: 201911-131997

Job Function

Research

Location

South San Francisco
California
United States of America

Schedule

Full time

Job type

Regular

Company/Division

Pharmaceuticals

Job Level

The Position

We seek a highly motivated Associate Scientist / Scientist within Oncology Biomarker Development (OBD) Data Science to support biomarker and diagnostic development efforts focusing on Genentech's cancer immunotherapy pipeline. The incumbent will apply advanced bioinformatics and data analytics in collaboration with a group of translational biomarker scientists to execute on biomarker and companion diagnostic strategies for programs in clinical development. The incumbent will also apply these methods to characterize mechanisms of response and resistance to immunotherapy and inform novel research activities.

For this particular position, a strong background in cancer biology, immunology, bioinformatics and/or biostatistics, evidenced by peer reviewed publications in top tier journals, will be an important asset. The successful candidate is expected to effectively interact with cross functional teams; analyze multidimensional data supporting innovative clinical development programs and publications focused on biomarkers and disease mechanisms; interact with key internal and external collaborators and investigators; and promote collaborative efforts to advance biomarker research.

As an Associate Scientist / Scientist, you are expected to:

- Manage and support analyses of multidimensional early- and late-stage clinical biomarker datasets including NGS-based DNA and RNA profiling
- Effectively manage internal and external scientific collaborations
- Drive scientific and technical innovation collaboratively with other members of the department
- Support development and execution of exploratory biomarker and companion diagnostic strategies for multiple projects
- Support publications in high impact scientific, technical or medical journals
- Represent the biomarker team externally through interactions with our key

- investigators and public presentations
- Participate and thrive in a fast-paced, interactive and team-oriented culture

Who You Are

- PhD degree in a relevant scientific field (e.g., immunology, molecular biology, cancer biology, genomics, or bioinformatics)
- Minimum of 2 years postdoctoral experience in basic or translational research either in an academic or industry setting
- Strong bioinformatics programming skills using R/Bioconductor and/or Python
- Experience analyzing and interpreting high throughput genomic data, especially RNA-seq, whole exome sequencing and targeted NGS, is highly desired
- Experience in integrating multiple omics layers in association with clinical and laboratory parameters would be highly beneficial
- Experience with modern machine learning methods is desired
- Experience in clinical drug development is beneficial, including understanding of critical development functions, such as biomarker development, operations, and biostatistics
- Demonstrated record of scientific leadership as evidenced by first or senior author publications in high impact journals
- Outstanding presentation and communication skills

#DevSci

#LI-BJ1

Who We Are

A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 40 years, using human genomic information to develop novel medicines for serious and life-threatening diseases. Genentech has multiple therapies on the market for cancer and other serious illnesses. Please take this opportunity to learn about Genentech, where we believe that our employees are our most important asset and are dedicated to remaining a great place to work.

Genentech is an equal opportunity employer and prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, disability, marital and veteran status. For more information about equal employment opportunity, visit our [Genentech Careers page](#).

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