

Bioinformatics / Genetics Data Scientist

Job ID
REQ-10064254

10月 15, 2025

USA

摘要

About the Role:

Our innovative neuroscience disease area is looking for a data scientist or computational biologist, based at our San Diego site, with expertise in human genetics and machine learning. This key role will join a team developing novel approaches in genetic medicine to tackle medical challenges and improve patient outcomes. The successful candidate should be able to integrate, analyze, and interpret large biomedical datasets using various computational tools.

If this sounds like you, don't miss out on this opportunity!

About the Role

Key Responsibilities:

- Work with wet lab scientists to develop testable biological hypotheses and collaborate in designing rigorous preclinical experiments
- Collaborate with other data scientists and be a subject matter expert in bioinformatics / sequence analysis portion of a drug discovery and development project.
- Analyze large amounts of sequencing data to guide the identification and development of DNA-based (AAV-based), RNA-based (xRNA), or protein-based (antibodies) treatments.
- Utilize bioinformatics skills to identify novel therapeutic targets and develop insights how genetic variants affect human disease in general.

What you ' ll bring to the role:

- Senior Expert I: Ph.D. with 2 or more years of experience (ideally in industry) in computational biology, genomics, biological sequence design, or related fields. Senior Expert II 3+ years of industry experience in computational biology, genomics biological sequence design or related fields.
- Experience in programming with Python and/or R
- Experience in processing and analyzing sequencing data, genomic variations
- Experience in neuroscience and/or rare diseases highly preferred

Preferred Requirements:

- Familiarity with shRNA, partnering with lab scientists
- Designing DNA or RNA sequencing, using genomic databases

The salary for the Senior Expert I position is expected to range between \$119,000 and \$222,000 per year.

The salary for the Senior Expert II position is expected to range between \$132,000 and \$245,000 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

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Biomedical Research

Business Unit

Universal Hierarchy Node

地点

USA

状态
California

站点
San Diego

Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

[Apply to Job](#)



Job ID
REQ-10064254

Bioinformatics / Genetics Data Scientist

[Apply to Job](#)

Source URL:

<https://www.novartis.com.cn/careers/career-search/job/details/req-10064254-bioinformatics-genetics-data-scientist>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://talentnetwork.novartis.com/network>
3. <https://www.novartis.com/careers/benefits-rewards>
4. <mailto:us.reasonableaccommodations@novartis.com>
5. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/San-Diego/Bioinformatics---Genetics-Data-ScientistREQ-10064254-2>
6. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/San-Diego/Bioinformatics---Genetics-Data-ScientistREQ-10064254-2>