

Expert II, Data Science – Cell and Gene Therapy

Job ID
REQ-10087069
Sep 17, 2026
LOC_US

About the Role

Key Responsibilities

- Analyze multi-omics datasets to generate insights supporting cell and gene therapy research and development.
- Develop and maintain reproducible bioinformatics pipelines for sequencing and candidate evaluation workflows.
- Evaluate genome integrity, therapeutic performance, and safety of cell and gene therapy candidates.
- Apply statistical and computational methods to deliver robust, high-quality data analyses.
- Create clear visualizations and presentations for technical and cross-functional stakeholders.
- Partner with laboratory teams to design experiments and define effective analysis strategies.
- Document analytical methods, workflows, and findings in line with quality standards.

Essential Requirements

- Doctor of Philosophy in Bioinformatics, Computational Biology, Genomics, Biostatistics, or Systems Biology; or Master's degree with relevant industry experience.
- Experience analysing next-generation sequencing or other high-throughput biological datasets.
- Proficiency in Python, R, or similar scientific programming languages.
- Experience using cloud computing platforms or high-performance computing environments.
- Strong knowledge of statistical analysis, experimental design, and data visualisation techniques.
- Demonstrated ability to collaborate effectively and communicate complex scientific concepts clearly.

Novartis Compensation Summary:

The salary for this position is expected to range between\$114,100 and \$211,900 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 awardsUS-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.

To learn more about the culture, rewards and benefits we offer our people click[here](#).

Role Requirements

Division
DIV_RE
Business Unit
Research
Location
LOC_US
Site
San Diego
Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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