

Intern oncology data science drug discovery

Job ID
REQ-10062944

10月 07, 2025

Switzerland

摘要

The primary focus of your projects will be the management, transformation, and integration of data derived from preclinical experiments, incorporating them into both existing and new infrastructure systems, to answer questions from drug discovery teams.

About the Role

Location: Campus Novartis

Start: as soon as possible

Duration: 6 months

Key performance indicators:

- In collaboration with a mentor, you will contribute to drug discovery initiatives by developing practical analytical and visualization tools, using R or Python.
- This role requires handling diverse ‘ omic datasets (such as mutational screening, RNASeq, and scRNASeq) within a high-performance computing environment, as well as researching and applying innovative methodologies.
- The successful candidate may also collaborate with multidisciplinary teams to integrate experimental data with publicly available resources to address critical scientific questions

Minimum Requirements:

Bachelor ’ s or Master ’ s degree in Computational Science/Bioinformatics or similar.

Skills:

- Experience using R (Bioconductor/Tidyverse/RShiny) or Python/DASH.
- Experience applying workflows and software to visualize complex data sets.
- Experience addressing questions concerning target discovery, drug mechanism elucidation, and patient stratification using data sources related to cancer.
- Knowledge of biological sciences genetics & genomics.
- Clear communication to explain how and why an analytical method was used.

Languages :

- English

Accessibility and accommodation

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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

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部门

Biomedical Research

Business Unit

Universal Hierarchy Node

地点

Switzerland

站点

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Others

Job Type

Full time

Employment Type

Early Career (Fixed Term)

Shift Work

No

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