

Data Science Intern in BR

Job ID
REQ-10028828
Nov 14, 2024
Switzerland

Summary

Data Science Intern - First experience in the Pharmaceutical Industry; 5 months.

About the Role

We at Novartis Biomedical Research are seeking a creative early talent to join our mission in developing new therapies for chronic and acute renal diseases, among others.

The successful candidate will work on cutting-edge data science, modeling complex data to drive drug discovery and early development. You will join a global community skilled in data analysis, machine learning, and experimental techniques to test biomedical hypotheses.

Preferred start date : February 2025

Latest start date : March 2025

Duration: 5 Months

Please attach a cover letter explaining your motivation for this position and let us know when you are available. Thank you very much.

Key Responsibilities:

- Work closely with a core team of Translational Research and Data Science scientists fluent in wet and dry lab practices.
- Participate in interdisciplinary teams to model biology and guide impactful decision-making in drug discovery and early development.
- Conduct integrated analyses of biological, genomic, proteomic, and clinical data using statistical and machine learning techniques to support novel drug target and biomarker discovery.
- Present findings, visualisations and general progress to project teams ensuring clear communication of complex datasets.

Essential Requirements:

- Recently completed BSc/MSc in life sciences with experience in modeling biomedical research data
- Working knowledge and experience in applying statistics and data modelling to large-scale life sciences data.
- Knowledge and/or experience in analysing and integrating multi-omics datasets (genomics, transcriptomics, proteomics, and metabolomics) to address key scientific questions related to disease understanding.

- Proficient in R/Python, with experience working in a Linux environment.
- Skilled in reproducible research, data visualisation, and reporting.
- Practical, team-oriented approach to problem-solving.

Desirable Requirements:

- A commitment to prioritising patients' unmet medical needs.
- A commitment to alignment with departmental priorities.
- Strong written and verbal communication skills.

Work Experience:

- NA.

Skills:

- NA.

Languages :

- English.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

Commitment to Diversity and Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusion_ch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

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>

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<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>

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

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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