

Associate Director Scientific Business Analysis

Job ID
REQ-10032566
Mar 05, 2025
Switzerland

Summary

Location: Basel.
#LI-Hybrid

We are seeking a highly skilled and experienced Associate Director Scientific Business Analysis to support our Project Insights product line within Novartis Biomedical Research Informatics as a Business Analyst and Product Line Partner.

The ideal candidate will have a strong background in drug discovery processes, expertise in cheminformatics or bioinformatics, and a keen understanding of data science and process improvement in the context of machine learning operations and data pipelines.

In this role, you will execute on every aspect of planning, design, development, and delivery of system solutions for a specific business or technology area, in alignment with design and architectural standards and business requirements. Our Associate Director Scientific Business Analysis will lead the overall business analysis effort on complex scientific products across products, product lines, and sites.

You'll strengthen the collaboration with a wide community of research scientists to analyze, understand, ideate, and define solutions, which will be used in the drug discovery domain within exploratory research.

About the Role

Major accountabilities:

- Lead all aspects of Business Analysis activities across products, product lines, and sites.
- Establish best Business Analysis practices and help to embed these into the existing product execution framework.
- Responsible for elicitation, definition, and documentation of all types of requirements [functional/non-functional/transitional/business] from all types of stakeholders with an integrated approach to design from initial planning through execution and production release.
- Interviewing stakeholders at all levels of the organization to determine goals, objectives, parameters, and processes to understand the problems to be solved.
- Identifying and qualifying new demand and assisting with steering proposals through the early phases of product approval.
- Create a shared product vision by participating in product visioning workshops executing planning, visioning, and prioritization.
- Work closely with cross-functional groups (User Researcher, UX Design, Product Management), in a

highly matrixed organization to build constructive and effective relationships throughout the whole organization.

- Facilitating the use of cheminformatics, bioinformatics, AI, and machine learning technologies within the product line and across scientific drug discovery workflows, including mapping and improving processes, particularly in the context of machine learning operations (ML OPS).
- Supporting data science environments and processes with business analysis, contributing to the development and improvement of computational science environments and tools.
- Ensuring adherence to Novartis global Information Security and Quality standards and policies for all products/services, and ensuring Regulatory Compliance (e.g., GLP & GCP) standards and policies for GxP products/services. If applicable, ensure Regulatory Compliance (e.g. GLP & GCP) standards and policies for GxP products/services.

Minimum Requirements:

- Advanced degree in biology, biotechnology, bioinformatics, cheminformatics or other science discipline and/or computer science, ideally exposed to the drug discovery domain.
- At least 5 years' experience in a scientific or biotech environment for design and implementation of software systems at enterprise level.
- Formal experience as a Business Analyst or professional certification as Business Analyst, including demonstrated process improvement capability, capability to map customer needs through strong stakeholder management and ability to liaise with technical teams on requirements.
- Strong understanding of the drug discovery process, including initial inception to validated targets and from hits with tool compounds to drug candidates.
- Proficiency with data science tools and systems such as R, Python or other statistical analytics tools, which lead to data-driven decision making within product lines.

Desired:

- Knowledge of cutting-edge data and computing systems. Understanding of embedding AI in various stacks and leveraging large language models (LLMs) to improve workflows.
- Knowledge in tools such as Spotfire or PowerBI to represent and visualize data effectively.
- Experience in User Experience to enhance user journeys and workflows in a Unix research environment.

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>

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

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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