

Head of Data Biomedical Research

Job ID
REQ-10059701

8月 29, 2025

Switzerland

摘要

The Head of Data for Biomedical Research (BR) is responsible for developing and executing the Data and Digital (D&D) organization's data strategy to support research and early development. This role includes setting the vision for data utilization, managing data governance, and fostering a data-driven culture across the organization. The Head of Data will work closely with key stakeholders to ensure data quality, accessibility, and compliance across functions. As a member of the Research Informatics Leadership Team, this leader will report directly to the Global Head of Digital, Informatics, and AI.

About the Role

Major accountabilities but not limited to:

- Develop and implement comprehensive data strategies that align with business objectives and research priorities.

- Advise management on strategic direction, scope and approach.
- Promote and foster a data-driven culture, enhancing data literacy across the organization.
- Monitor and evaluate the effectiveness of data strategies, adjusting as needed to achieve desired outcomes.
- Stay informed about emerging trends and technologies in data management and apply innovative solutions to enhance data utilization.
- Establish and oversee data governance frameworks, ensuring high standards of data quality, accessibility, and compliance.
- Align on and contribute to Novartis Enterprise Data Management framework.
- Define and implement data standards, policies, and procedures, driving interoperability across systems and processes.
- Lead efforts to validate, review, and reconcile data, maintaining high-quality standards across all datasets.
- Integrate and harmonize data across multiple systems and functions, facilitating seamless data flow.
- Develop tools, workflows, and integration solutions to eliminate data silos and enhance collaboration across teams.
- Enable access to high-quality, reliable data for research and development teams to drive decision-making.
- Facilitate effective collaboration between data teams and business stakeholders, ensuring alignment with organizational goals.
- Build strong relationships with internal and external stakeholders, including external partners, to drive innovation and data-sharing opportunities.
- Communicate data strategies, insights, and recommendations to stakeholders at all levels of the organization.
- Lead a growing organization expected to reach 35+ people.

Minimum Requirements:

- PhD or master ' s degree in computer science, data science, AI, machine learning, or a related discipline.
- 15+ years of experience in data strategy, management, and governance, with a demonstrated understanding of advanced data methodologies applied to drug discovery and development in the pharmaceutical/biotech industry.
- Experience leading multidisciplinary, global teams and operating successfully in matrixed, fast-paced environments.
- Proven ability to manage complex portfolios and work with diverse stakeholders to prioritize resources and meet business needs.
- Strong leadership and communication skills, with the ability to influence stakeholders and drive organizational change.
- Strategic thinker with a vision for data-driven decision-making and a strong understanding of data management, governance, and analytics.
- In addition to traditional data management skills, the ideal candidate would possess competency in the following advanced data technologies: deploying scalable data solutions on cloud-native data platforms, experience with vector databases, implementing a decentralized, domain-driven data architecture, a solid grasp of ML Ops principles including the data centric aspects of model training, deployment and monitoring, experience implementing data observability tools, and familiarity with graph databases.

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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

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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