

Head Clinical Development AI & Technology

Job ID

REQ-10088603

Sep 29, 2026

LOC_GB

About the Role

Key Responsibilities

- Define and execute end-to-end technology, data, and artificial intelligence strategy for Clinical Development
- Act as strategic advisor to senior leadership on digital transformation, automation, and data modernization
- Deep ecosystem engagement to proactively identify emerging trends and translate them into iterative, impact-driven plans that accelerate Clinical Development
- Lead delivery of scalable platforms and artificial intelligence solutions across all clinical development capability areas
- Oversee product roadmaps, lifecycle governance, vendor partnerships, and platform performance
- Drive identification, prioritization, and industrialization of artificial intelligence and generative artificial intelligence use cases with measurable impact
- Integrate analytics, automation, and diverse data assets to enable seamless end-to-end clinical workflows
- Ensure compliance with good clinical practice, data privacy, cybersecurity, and regulatory standards globally
- Establish robust governance frameworks, operating models, and cross-functional collaboration structures
- Lead global, matrixed teams across technology, data science, engineering, and platform leadership
- Drive continuous improvement in delivery quality, release management, and operational resilience

Essential Requirements

- Advanced degree in Technology, Data Science, Engineering, or Life Sciences or equivalent experience
- Minimum 10 years of leadership experience within global, matrixed environments in regulated industries such as pharmaceuticals or healthcare
- Deep expertise in clinical development processes and supporting technology platforms across the full development lifecycle
- Proven experience designing and scaling artificial intelligence and machine learning solutions in regulated environments
- Strong knowledge of data architecture, cloud technologies, and enterprise-scale digital platform implementation
- Demonstrated ability to lead multidisciplinary teams across technology, data science, and engineering functions
- Strong understanding of regulatory requirements including good clinical practice, data privacy, and data integrity standards
- Excellent communication and stakeholder engagement skills with the ability to translate complex technical concepts clearly

Desirable Requirements

- Master of Business Administration or equivalent leadership qualification
- Experience leading large-scale organisational transformation and artificial intelligence-driven change management initiatives

Rewards

At Novartis, we're committed to reimagining medicine together - and rewarding the people who make it happen.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and a minimum of 14 weeks paid parental leave.

Expected Annual Base Salary Range for role:

- London: 118,020.00 - 219,180.00 GBP Annual

The salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters. Further details will be provided during the application process.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

Read our [brochure](#) to learn more about our global total rewards offering: https://www.novartis.com/sites/novartis_com/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Commitment to Diversity and Inclusion / EEO paragraph:

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

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>

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>

Role Requirements

Primary location salary range

£118,020.00 - £219,180.00

Division

DIV_GD

Business Unit

Development

Location

LOC_GB

Site

London (The Westworks)

Company / Legal Entity

GB16 (FCRS = GB016) Novartis Pharmaceuticals UK Ltd.

Functional Area

FCT_DD

Job Type

Full time

Employment Type

Regular

Shift Work

No

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