Executive Director Medical AI & Innovation

Job ID
REQ-10063764

10   01, 2025

Switzerland

LOCATION: London, UK, or Basel, Switzerland
ROLE TYPE: Hybrid Working, LI-Hybrid

Are you ready to shape the future of medicine through artificial intelligence and innovation?

As Executive Director, Medical AI & Innovation, you'll be at the forefront of transforming Global Medical Affairs by turning complex medical challenges into scalable AI solutions.

This high-impact leadership role offers the opportunity to drive innovation across medical affairs, influence enterprise-wide strategy, and foster a culture of data-driven decision-making.

You'll collaborate with cross-functional leaders, manage a high-performing team, and position Novartis as a pioneer in AI-enabled medical affairs.

If you're a visionary with a passion for technology and healthcare, this is your opportunity to make a lasting difference.

About the Role

Key Responsibilities

- Lead strategic planning and execution of AI initiatives within Global Medical Affairs
- Oversee the full lifecycle of medical AI products, acting as product owner where appropriate
- Own the Global Medical Affairs AI roadmap, aligned across Development domains
- Provide expert medical insights to guide AI product innovation and partnerships
- Drive adoption of AI solutions and embed process changes across GMA functions
- Build and lead a high-performing, innovation-driven AI team
- Champion a culture of collaboration, entrepreneurship, and user-centered design

What You'll Bring to the Role

- Advanced degree in computer science, engineering, life sciences or related field; business degree or experience preferred
- Extensive experience in technology, digital transformation, or business solutions, ideally in healthcare or life sciences
- Proven leadership in innovation and transformation across global, enterprise-level organizations
- Demonstrated success in delivering AI solutions at scale, preferably through strategic external partnerships
- Strong track record in building high-performing, multidisciplinary teams with executive-level credibility
- Experience managing Agile/SCRUM software development cycles and driving operational efficiency

Why Novartis?

We believe new insights, perspectives, and ground-breaking solutions can be found at the intersection of medical science and digital innovation. We are committed to building an inclusive, diverse workplace that reflects the communities we serve. Join us and help reimagine medicine for millions of patients worldwide.

Commitment to Diversity & Inclusion /EEO

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

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

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: 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

Development

Business Unit
Universal Hierarchy Node

Switzerland

Basel (City)

Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG

Alternative Location 1
London (The Westworks), United Kingdom

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

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