

Head Clinical AI Strategy - Translational Research

Job ID
REQ-10077965

5月 28, 2026

Switzerland

摘要

#LI-Hybrid
Location: Basel

The Head Clinical AI Strategy - Translational Research will be responsible for directing and implementing the strategic roadmap and impact of Data Science & AI efforts related to early clinical development trials. This role acts as the integrator addressing key scientific questions, data science methodologies, and operational execution to ensure delivery of high value, decision enabling AI solutions for Translational Medicine and Biomedical Research.

This role integrates and converts complex scientific/clinical needs into coherent, realistic, and trackable strategies that incorporate data science solutions, operational execution, KPIs, ROI assessments, and value frameworks to show how the implementation of AI can improve scientific understanding, trial design, and development decisions.

About the Role

Key Responsibilities:

- **Scientific-Technical Integration:** Serve as the bridge between scientific leaders and data science teams to decipher and articulate key scientific questions into actionable AI use-cases.
- **Use Case Delivery & Scale:** Identify and shape high value AI use cases in early clinical development to bring forward for prioritization.
- Support governance and decision-making processes by preparing content, facilitating meetings, and communicating the proposals to stakeholder audiences.
- For use cases that are endorsed, work together with clinical teams to build an actionable delivery plan and oversee delivery and assessment in partnership with the team.
- Oversee development of the BR Clinical Design Lab to enable scaled and process optimized implementation of data driven and AI solutions to all clinical teams approaching tollgates and governance.
- Define, develop and track impact measurements and KPIs to enable quantification of value of the work, both at trial and program level.
- In collaboration with partners in Data & Digital, Data Science teams, and enterprise partners, actively assess the data landscape that supports clinical development AI work and enable fit-for-purpose data availability.
- Evaluate AI startups and technology vendors to access cutting edge methodologies and recommend strategic partnerships or collaborations that accelerate AI capability development
- Promote awareness, adoption, and change management for AI-driven processes and foster understanding organization-wide.
- Demonstrate internal and external presence that brings recognition of Novartis as a leader and innovator in Data Science and AI.
- Serve as a strategic thought partner to clinical leadership teams in Biomedical Research and Novartis, providing insights and advice on AI enablement, scientific value, and emerging trends.

Essential Requirements:

- Advanced degree (PhD, MD, MSc) in relevant scientific fields. PhD or equivalent experience in Data Science, Computer Science, or related field desirable
- Excellent English required (oral & written)
- Minimum 10 years of relevant experience in pharmaceutical settings combined with Data Science projects
- Demonstratable track record of delivering global solutions at scale in healthcare settings, with a strong preference for experience in the drug development space.
- Experience integrating scientific, data science, and operational perspectives in R&D. Experience in defining KPI and ROI frameworks
- Proven experience developing and implementing digital or AI strategy in a complex, matrixed organization, ideally within life sciences or pharmaceutical R&D. Strong understanding of AI/ML methodologies in biomedical contexts
- Up-to-date knowledge of digital, AI, and data science trends, applied to Pharma or Healthcare, including expertise in aligning internal capabilities with evolving external landscapes.

- Excellent stakeholder engagement, influencing, and communication skills with the ability to drive organizational change and foster collaboration.
- Strategic thinker with the ability to see the "big picture", translating complex strategies into concrete actions and measurable impact.

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 inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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: Learn about all the ways we'll help you thrive personally and professionally. [Read our handbook \(PDF 30 MB\)](#)

部门

Biomedical Research

Business Unit

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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false, allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: {},
sources: { options: {}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true,
showSpeedMenu: false }, css : "/modules/custom/arcticnckalturaaddon/css/kalturavideo.css",
components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback',
'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
KalturaPlayer.ui.components.Remove } ] } }; // Check and add plugins only if they exist if
(KalturaPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if
(KalturaPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", //
Default: bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default:
alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled:
false, printDisabled: false, disable: true }; } if (KalturaPlayer.plugins["preventSeek"]) {
config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; }
config.plugins.floating = { disable: true }; if (KalturaPlayer.plugins["navigation"]) {
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false }; } if (KalturaPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; }
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(KalturaPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if
(KalturaPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents =
[]; if (KalturaPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {};
config.plugins.googleTagManager.customEventsTracking = {};
config.plugins.googleTagManager.containerId = 'GTM-57RJQ5';
config.plugins.googleTagManager.customEventsTracking.custom = [];
config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents:
false, playlistEvents: false, castEvents: false } }; }
```

```
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```

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