

Head Clinical Development AI & Technology

Job ID
REQ-10081956

7月 13, 2026

USA

Available in: English

摘要

Head Clinical Development AI & Technology

Primary Location: London, United Kingdom

Other Locations: Dublin, Ireland; Basel, Switzerland; United States

Relocation Support: Yes

Lead the design and execution of a scalable, enterprise-aligned technology, data, and artificial intelligence strategy for Clinical Development. As Head Clinical Development AI & Tech you will architect and operationalize advanced digital platforms, analytics ecosystems, and artificial intelligence and generative artificial intelligence capabilities to optimize end-to-end clinical development execution from study design through submission. Working at the intersection of clinical science, data engineering, and platform technologies, you will drive integration of structured and unstructured data assets, industrialize artificial intelligence use cases tied to key scientific questions, and ensure compliant, high-performance systems that accelerate evidence generation, optimize delivery, and enable real-time, data-driven decision-making at global scale.

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

The salary for this position is expected to range between \$ per year. The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

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 \(PDF 30 MB\)](#)

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Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门

Development

Business Unit

Development

地点

USA

状态

New Jersey

站点

East Hanover

Company / Legal Entity

U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area

Data and Digital

Job Type

Full time

Employment Type

Regular

Shift Work

No

```

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId:
"kalturaplayer6a54bf9bb01d2533402721", provider: { widgetId: "10m7rm1pm", partnerId:
"2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop:
false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options:
{}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu:
false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets:
['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
kPlayer.ui.components.Remove } ] } }; // Check and add plugins only if they exist if
(kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if
(kPlayer.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 (kPlayer.plugins["preventSeek"]) {
config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; }
config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation =
{ position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if
(kPlayer.plugins["hotspots"]) { config.plugins["playkit-js-hotspots"] = { disable: true }; } if
(kPlayer.plugins["moderation"]) { config.plugins["playkit-js-moderation"] = { disable: true }; } if
(kPlayer.plugins["info"]) { config.plugins["playkit-js-info"] = { disable: true }; } if
(kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if
(kPlayer.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 } }; }

```

```

// Ensure the global player registry array always exists, regardless of embed type.
window.kalturaPlayerVideos = window.kalturaPlayerVideos || []; try { var thumbEmbedPromise =
thumbnailEmbed({config, mediaInfo: {entryId: "1dgfvmafo"}}); // thumbnailEmbed() returns a
Promise that resolves with the player instance // when the user clicks the thumbnail. Use .then() to
capture the player directly. thumbEmbedPromise .then(function(player) {
window.kalturaPlayerVideos.push(player); // Notify kaltura_datalayer.js that a new player is ready so
it can // attach custom event listeners immediately, regardless of when // the user clicked the
thumbnail relative to page load. document.dispatchEvent(new CustomEvent('kalturaPlayerReady', {
detail: { player: player } })); }) .catch(function(error) { console.error(error); }); } catch (e) {
console.error(e.message) }

```

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