NOVARTIS

ED, Personalized & Precision Medicine

Job ID
REQ-10043997

3   18, 2026

USA

This position will be located in the East Hanover, NJ site.

About the Role

The Insights and Decision Science (IDS) team is dedicated to enabling improved decision-making at Novartis by leveraging data and advanced analytics capabilities to generate actionable insights that drive business growth. We collaborate closely with the US business, bringing insights and challenging ideas to empower smarter, data-driven
decision-making. Reporting into the VP, Head, Applications and Emerging Data Products, this role is crucial in advancing the frontiers of personalized healthcare.

The role of the ED for Personalized and Precision Medicine is at the forefront of utilizing EHR, clinical and diagnostic data to uncover patterns and indicators to improve patient identification, enhance treatment efficacy and advance patient outcomes. By effectively communicating complex analytical findings, the individual will drive the company's mission to deliver innovative, personalized treatment solutions that improve patient health.

Key Responsibilities:

- Lead the team responsible for analyzing healthcare data, including clinical trial datasets, transactional claims, and electronic health records. Guide the application of established and novel statistical and analytical techniques to support strategic objectives in patient identification, diagnostics utilization, and RWE analytics.

- Develop and lead strategic partnerships with providers to identify eligible patients in their existing patient pools. Lead the team in leveraging analysis of provider EHR to inform strategic initiatives and improve patient outcomes.

- Oversee the use of data generated by digital health technologies (DHTs) to capture patient-generated data, electronic patient-reported outcomes (ePROs), and electronic clinical outcome assessments (eCOAs). Guide the team in supporting key strategic goals.

- Lead the tracking and analysis of metrics on companion diagnostic availability, offering, and usage. Provide the roadmap to enhance diagnostic strategies and improve patient care.

- Lead initiatives that analyze real-world evidence and clinical & diagnostic data to identify patterns and indicators associated with patient response to treatment regimens. Focus on strategic insights, especially regarding genetic and biomarker indicators.

- Aligning with NVS stakeholders on research, evidence development, and clinical strategies to drive strategic decision-making, generation of data-driven insights, and the implementation of personalized and precision medicine in healthcare systems.

- Guide the team in conducting the analysis, drafting and reviewing of the relevant sections of technical and study reports, manuscripts for publishing in high-impact peer-reviewed journals, and abstracts and presentations for international conferences. Ensure alignment with strategic goals and organizational priorities.

- Communicate complex concepts and interpretations of analysis and findings to diverse audiences, including internal leadership and stakeholders, health economists, clinicians, and health systems. Influence decision-making and strategic planning through effective

communication.

- Communicate high impact relevant insights on underdiagnosed or undertreated patients to the Patient Finding team. Ensure insights are strategically aligned and actionable.

Essential Requirements:

Novartis seeks an individual with extensive experience in the pharmaceutical or healthcare industry, with a strong understanding of personalized and precision medicine approaches. This individual should have a proven track record in applying epidemiological principles to assess target patient populations and inform treatment strategies. A strong analytical background is essential, with the ability to analize complex datasets and derive actionable insights.

- Bachelor's degree in related field is required; Master of Science and/or MBA preferred 0+ years of experience in the pharmaceutical or healthcare industry, with a deep understanding of personalized and precision medicine

- 10+ years of experience in the pharmaceutical or healthcare industry, with a deep understanding of personalized and precision medicine

- A bachelor's degree inMedicine, Pharmacology, Epidemiology, Data Science, or a related field; an MBA or advanced degree is preferred

- 5+ years of domain expertise in these areas are highly desired: Personalized and precision healthcare secondary data analytics, data science, primary market research, field analytics and insights, market access and patient service analytics, or other related strategic analytics and management consulting

- 5+ years of people management experience. Proven track record of enabling data-driven decision-making at a senior leadership level, including addressing complex business challenges and shaping organizational strategy particularly in therapeutic areas

- Proficiency in analyzing healthcare data, including clinical trial datasets and electronic health records, using advanced statistical techniques (e.g., data modelling, time to event analysis)

- Familiarity with digital health tools / technologies and their application in capturing patient-generated data and outcomes

- Experience in working with clinical and diagnostic data to identify genetic and biomarker indicators that influence treatment efficacy

- Ability to draft and review technical reports, manuscripts, and presentations for high-impact scientific publications and conferences

- Excellent communication skills, with the ability to present complex insights and strategies effectively to diverse audiences

- Proven ability to collaborate with healthcare providers, internal stakeholders, and cross-functional teams to align strategies and initiatives

- Strong leadership skills in a team environment which requires negotiation, persuasion, collaboration, and analytical judgment

- Ability to thrive in a fast-paced, dynamic environment and adapt to changing business needs and priorities

The pay range for this position at commencement of employment is expected to be between $214,900.00 and $399,100.00 a year; however, while salary ranges are effective from 1/1/25 through 12/31/25, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

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.

EEO Statement

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

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.

US

Business Unit
Marketing

USA

New Jersey

East Hanover

Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area
Marketing

Job Type
Full time

Employment Type
Regular

Shift Work
No

```
function adjustKalturaPlayer() { var deviceWidth = window.innerWidth ||
document.documentElement.clientWidth || document.body.clientWidth; var mediaElement =
document.getElementById("kalturaplayer69bbd3f9a9f2f108340053"); var mediaContainer =
mediaElement.closest('.nc-kaltura-media'); var originalWidth = "1200px"; var originalHeight = "674px";
var originalWidthValue = parseFloat(originalWidth); var originalHeightValue =
parseFloat(originalHeight); var mediaType = "video"; var isResponsive = false; //Get computed styles
of the container element. var parentStyles = window.getComputedStyle(mediaContainer); var
finalWidth = parseFloat(parentStyles.width); if (finalWidth    var config = { targetId:
"kalturaplayer69bbd3f9a9f2f108340053", provider: { widgetId: "1Om7rm1pm", partnerId:
"2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false,
allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: { download: {
disable: true }, "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 } }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false },
components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback',
'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get:
KalturaPlayer.ui.components.Remove } ] } }; config.plugins.preventSeek = { preventSeekForward:
false, preventSeek: false }; config.plugins.floating = { disable: true }; config.plugins.navigation = {
position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; config.plugins['playkit-
js-hotspots'] = { disable: true }; config.plugins['playkit-js-moderation'] = { disable: true };
config.plugins['playkit-js-info'] = { disable: true }; config.plugins.share = { disable: true };
config.ui.uiComponents = []; 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 } };
```

```
try { var kalturaPlayer = KalturaPlayer.setup(config); //Add the player to the global array. if (typeof
```

kalturaPlayerVideos !== 'undefined') { kalturaPlayerVideos.push(kalturaPlayer); } else { var kalturaPlayerVideos = []; kalturaPlayerVideos.push(kalturaPlayer); } //Load the Player for other media. kalturaPlayer.loadMedia({entryId: "1dgfvmafo"}); setTimeout(() => { setupAutoPause(kalturaPlayerVideos); }, 500); function setupAutoPause(players) { players.forEach((currentPlayer) => { currentPlayer.addEventListener('play', () => { players.forEach((otherPlayer) => { if (otherPlayer !== currentPlayer && typeof otherPlayer.pause === 'function') { otherPlayer.pause(); } }); }); }); } } catch (e) { console.error(e.message) }

VIDEO

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