NOVARTIS

Senior Expert Data Scientist, Neuroscience (Dual Level Posting: I / II)

Job ID
REQ-10092944

十一月 19, 2026

USA

摘要

Location: Cambridge, MA - Onsite
#LI-Onsite
Relocation is not offered for this role. Please apply if the location is accessible to you.

The neuroscience disease area is looking for a data scientist or computational biologist with expertise in Neuroscience. This role will be part of a team developing novel approaches in drug discovery to tackle medical challenges and improve patient outcomes. The candidate should be able to integrate, analyze, and interpret large biomedical datasets using various computational tools. We seek a motivated, creative, and collaborative individual.

About the Role

Responsibilities:

- Applying established and novel approaches, including AI, to model multi-modal clinical or pre-clinical data to identify and prioritize novel targets and biomarkers.

- Work with wet lab scientists to develop testable biological hypotheses and collaborate in designing rigorous preclinical experiments.

- Collaborate with other data scientists and be a subject matter expert in analyzing in-vitro, in-vivo, and clinical data relevant to Neuroscience.

- Analyze genomics, proteomics, transcriptomics or related data from in-vitro, in-vivo, and clinical studies.

What you ' ll bring to the role:

This is a dual level posting:

- Level I Requirements: Ph.D. with 2 or more years of experience in computational biology, data science, or related fields.
- Level II: Ph.D. with 4 or more years of experience in computational biology, data science, or related fieldsExperience in cellular / molecular biology aspects of neuroscience, neurodegeneration, neuromuscular disorders or similar fields of biology.

- Experience in programming with Python and/or R, experience in utilizing coding agents.

- Experience in big data analytics (curation, integration, and statistical analysis of large data sets).

- Experience in processing and analyzing proteomics (Somascan, Olink, MS-based, or similar) or transcriptomics (bulk, single cell, spatial) data. Ability to interpret complex biological data using pathways, systems biology, biological networks or similar is a plus.

- Experience in applying deep learning/ML in the above areas is a plus.

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

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.

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)

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.

部门
Biomedical Research

Business Unit
Research

地点
USA

状态
Massachusetts

站点
Cambridge (Massachusetts)

Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area
Data and Digital

Job Type
Full time

Employment Type

Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6b000528640e2538085431", 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) }

Job ID
REQ-10092944

Senior Expert Data Scientist, Neuroscience (Dual Level Posting: I / II)

Apply to Job



Job ID
REQ-10092944

Senior Expert Data Scientist, Neuroscience (Dual Level Posting: I / II)

Apply to Job

Source URL:
https://www.novartis.com.cn/careers/career-search/job/details/req-10092944-senior-expert-data-

scientist-neuroscience-dual-level-posting-i-ii

List of links present in page

1. https://www.novartis.com/about/strategy/people-and-culture
2. https://www.novartis.com/sites/novartis.com/files/novartis-life-handbook.pdf
3. mailto:us.reasonableaccommodations@novartis.com
4. https://www.novartis.com/about/strategy/people-and-culture
5. https://www.novartis.com/sites/novartis.com/files/novartis-life-handbook.pdf
6. mailto:us.reasonableaccommodations@novartis.com
7. https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Cambridge-Massachusetts/Senior-Expert-Data-Scientist--Neuroscience--Dual-Level-Posting--I---II-REQ-10092944
8. https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Cambridge-Massachusetts/Senior-Expert-Data-Scientist--Neuroscience--Dual-Level-Posting--I---II-REQ-10092944