NOVARTIS

Senior Scientist, Analytical Genomics

Job ID
REQ-10082089

6月 30, 2026

USA

Available in: English

摘要

We are seeking a highly skilled and motivated scientist to join our laboratory, specializing in NGS and in advanced spatial and single-cell genomics. The successful candidate will be responsible for the planning, execution, and optimization of experiments using spatial transcriptomics and single-cell protocols and instrumentation. This role is pivotal for supporting research projects, driving innovation, and ensuring high-quality data generation.

About the Role

Internal Job Title: Senior Scientist I

Position Location: Cambridge, MA, onsite

* Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you. #LI-Onsite

About Our Laboratory:

Our lab is dedicated to advancing drug discovery at Novartis Biomedical Research with cutting-edge sequencing and genomics technologies. We strive to deliver impactful scientific discoveries, foster a collaborative work environment, and, importantly, love what we do.

Key Responsibilities:

- **Experimental Design and Execution:**
- Plan and perform experiments utilizing state-of-the art single cell and spatial profiling platforms.
- Implement and optimize protocols for sample preparation, library construction, and sequencing.
- Ensure rigorous documentation and reproducibility of all laboratory procedures.
- **Instrument Operation and Maintenance:**
- Operate and maintain relevant instruments, including troubleshooting and routine care.
- Train and mentor junior staff on instrument use and protocol adherence.
- **Data Analysis and Interpretation:**
- Perform initial data processing for spatial and single-cell genomics datasets using appropriate bioinformatics tools.
- Collaborate with Data Scientists to interpret results, prepare reports, and present findings internally.
- **Collaboration and Communication:**
- Work closely with cross-functional teams, including molecular biologists, bioinformaticians, and project leaders at Novartis Biomedical Research, local and remote.
- Contribute to experimental planning and reporting.
- **Quality Control and Compliance:**
- Document work and monitor quality control measures to ensure data integrity and compliance with laboratory standards.
- Stay current with advances in single-cell and spatial genomics technologies and integrate best practices into lab workflows.

Essential Requirements:

- BS or MS in Molecular Biology, Genomics, Biochemistry, or a related field, with 4+ years of hands-on experience with spatial transcriptomics and/or single-cell sequencing technologies. This is not a PhD level position.
- Strong understanding of molecular biology techniques like PCR, qRT-PCR, enzymatic reactions, DNA & RNA purification and manipulation.
- Proficiency in protocol development, troubleshooting, and optimization for complex genomics

assays.
- Knowledge of NGS library preparation and sequencing workflows.

Highly Desirable Requirements:

- Experience with tissue processing and imaging, IHC, microscopy.

Application Instructions:

Interested candidates should submit a CV and cover letter that includes a summary of relevant experience with single-cell and spatial omics protocols and instrumentation.

The salary for this position is expected to range between $93,800 and $174,200 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)

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 (USA)

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

Functional Area
Research & Development

Job Type
Full time

Employment Type
Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6a44a59a51296966339840", 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 kalturadatalayer.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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