NOVARTIS

Senior Scientist I, Lentiviral Vector Purification and Analytics

Job ID
REQ-10090797

十月 27, 2026

USA

摘要

The Lentiviral Vector (LVV) Team in the Biologics Research Center (BRC) at Novartis, Cambridge, MA is seeking a highly motivated Scientist with experience in production and purification of viral vectors to join our team. In this role, you will play a key part in advancing our Cell and Gene Therapy research initiatives and contributing to groundbreaking research in CAR-T cell therapy.

About the Role

Internal Job Title: Senior Scientist I

Position Location: Cambridge, MA/USA, onsite

** This role is based in Cambridge, MA/USA. Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

Join a collaborative team at the forefront of cell and gene therapy research. As a Research Scientist focused on lentiviral vector purification and analytics, you will apply hands-on laboratory expertise to help develop, optimize, and characterize viral vector processes that support next-generation CAR-T programs. This role offers the opportunity to contribute directly to innovative science, work across purification and analytical workflows, and help advance high-quality research materials that enable transformative therapeutic approaches.

Job description

Key responsibilities:

- This is a lab-based position that requires hands-on execution of activities related to lentiviral vector purification including clarification, chromatography and TFF.
- Execute analytical methods (molecular- and cell-based) to assess quality of the purified vector.
- Write and review protocols, technical reports, and technology transfer documents with supported conclusions and recommendations.
- Write and review SOPs, instrument procedures, and other lab documents.
- Plan and prioritize work to meet goals while managing multiple research activities.
- Support experimental design, data analysis, and troubleshooting.
- Identify root causes, implement solutions, and verify effectiveness.
- Present scientific data and contribute openly to discussions.
- Document experimental procedures and processes thoroughly.
- Collaborate across teams, share knowledge, and train team members in technical areas as needed.

Essential Requirements:

- BS or MS in bioengineering, virology, or related field with relevant lab experience.

- Six years (with BS) or four years (with MS) of postgraduate experience in viral vector purification.
- BSL2 experience with AAV, lentiviral, or retroviral vector production.
- Proficiency in aseptic technique, cell culture, molecular biology, and analytical testing.
- Expertise in operating different scales of bioreactors for viral vector production.
- Hands-on experience with chromatography and familiar with AKTA operation.
- Familiar with various downstream process techniques, including but not limited to depth filtration, ultrafiltration, diafiltration, tangential flow filtration, etc.
- Strong coordination, communication, collaboration, learning agility, and self-motivation.
- Proficiency with Word, Excel, PowerPoint, and GraphPad Prism.
- Excellent oral, written, and interpersonal communication skills.

Desirable Requirements:

- Hands-on experience with Ambr bioreactors.

Compensation and Benefits:

The salary for this position is expected to range between $93,800 and $174,200 USD annually. 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:

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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.

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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: "kalturaplayer6aea04aad1bd8948203656", 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:

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