NOVARTIS

Principal Scientist I

Job ID
REQ-10093135

十一月 24, 2026

USA

摘要

#LI-OnSite
Location: Cambridge, MA

This position is located on site in Cambridge, MA. It does not have the ability to be located remotely. Please only apply if this location is accessible to you.

We are seeking a hands-on in vivo neuroscientist with deep expertise in mouse models of neurodegeneration to independently design and execute studies that advance our neurodegeneration portfolio. This role offers a clear path to scientific leadership: over time, you will mentor colleagues, build in-house expertise in neurodegeneration models, and help shape the in vivo strategy for projects.

About the Role

Key Responsibilities:

- Alongside cross-functional teams, develop and test novel therapeutic strategies for Alzheimer's and other neurodegenerative diseases, with an emphasis on translational pharmacology and biomarker development using *in vivo* models.

- Independently design, execute, and analyze experiments to deliver high-quality data and enable timely project decisions.

- Establish, validate, and characterize mouse models of Alzheimer's disease.

- Communicate project strategy, scientific rationale, and data to key stakeholders, including project teams and external partners and collaborators.

- Apply emerging technical and conceptual advances in the neurodegeneration field to project strategy.
- Mentor and train team members in neurodegeneration biology and related *in vivo* techniques, building scientific depth and a community of expertise within the team.
- Opportunity to take on scientific leadership of *in vivo* workstreams, representing the team's neurodegeneration expertise on cross-functional project teams.

Minimum Requirements:

- A Bachelor's degree in neuroscience, biology, or a closely-related field with 8+ years of relevant research experience in neurodegenerative diseases and/or CNS drug discovery, or a higher degree with at least 5+ years of industry experience.
- Commitment to a hands-on laboratory role, including independent design and execution of in vivo pharmacology studies and downstream biomarker analysis.
- Must possess a deep understanding of the pathophysiology of neurodegenerative disease and translatable biomarkers.
- Demonstrated expertise in establishing and characterizing genetic and/or pharmacological- or AAV-inducible mouse models of Alzheimer's disease to study disease mechanisms.
- Exceptional proficiency in various laboratory methodologies within neuroscience, including hands-on experience with dosing, surgical techniques, dissection and biofluid collection techniques, and biochemical and molecular assays.
- Excellent problem-solving skills, diligent attention to detail, and the ability to work both independently and as a member of complex matrix teams. Ability to think creatively to tackle scientific and operational challenges in a fast-paced drug discovery environment.
- Strong organizational, interpersonal, and communication skills. Demonstrated ability to drive collaborative projects, and motivation to grow as a scientific contributor and thought leader.
- Strict adherence to institutional policies, laboratory safety, animal welfare guidelines (including the 3Rs), and regulatory requirements.

Preferred Qualifications:

- Experience in CNS drug delivery modalities, *in vivo* pharmacology, PK/PD and/or target engagement studies
- Experience in validating cognitive and behavioral endpoints
- Experience in training and mentoring junior scientists in the lab to grow their scientific skills and develop in their careers

- Skills in statistical analysis and visualization of complex datasets
- Experience using AI tools to enhance the quality and efficiency of work while maintaining clear ownership of and accountability for deliverables

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between $108,500 to $201,500 USD Annual 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.

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: "kalturaplayer6b06106769ace982672337", 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 } }; }

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