NOVARTIS

Principal Scientist I/II, Molecular Pathology

Job ID
REQ-10079427

6月 03, 2026

USA

摘要

Cambridge, MA (Onsite)

About the Role
The Molecular Pathology team within Oncology Translational Research at Biomedical Research (BR) is seeking a highly motivated Principal Scientist to develop, validate, and scale novel approaches to characterize protein features of drug targets. This onsite role in Cambridge, MA offers the opportunity to work in a highly collaborative laboratory environment alongside cross-functional teams.
In this role, you will lead efforts to understand how protein features–including proteoforms, localization, conformation, and interactions–impact response and resistance in cancer. You will partner closely with target validation, drug discovery, and translational teams to generate insights from patient samples and translate findings to preclinical models.
Your work will directly contribute to translational strategies across the drug development continuum, from target characterization through biomarker development.

About the Role

Key Responsibilities

- Contribute to and help shape **proteomics strategy and technology platforms** in a translational research environment
- Identify and develop **novel scientific and methodological opportunities** based on literature and internal insights
- Design, develop, and scale methods to characterize:
    - Proteoforms
    - Protein localization
    - Conformation
    - Protein-protein interactions
- Apply approaches to **patient-derived samples** and define translational relevance in **preclinical models**
- Collaborate across matrixed teams spanning **Oncology Research, Discovery, and Translational Science**
- Lead or contribute to cross-functional initiatives supporting **target understanding and biomarker development**

Essential Requirements

- PhD in **Oncology, Cell Biology, Biochemistry, Molecular Biology**, or a related discipline
- **Leveling criteria (dual posting):**
    - **Principal Scientist I**: 3+ years of postdoctoral training
    - **Principal Scientist II**: Postdoctoral training + 3+ years of industry experience
- Proven ability to generate data that **influences scientific and technical decision-making**
- Experience with:
    - In vitro and in vivo models
    - Clinical or post-mortem patient samples
- Strong expertise in protein characterization techniques, including:
    - Western blotting
    - ELISA
    - FACS
    - High-content imaging
    - Microscopy-based approaches
- Experience with methods to **probe, label, and enrich proteoforms** or related protein features
- Strong critical thinking, communication, and collaboration skills
- Curiosity and adaptability to explore **emerging technologies and scientific innovations**

Desirable Qualifications

- Experience with **mass spectrometry and proteomics workflows** (data generation and interpretation)
- Data analysis and visualization skills (e.g., **Spotfire, R**)

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between $108,500.00 - 201,500.00 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 config = { targetId: "kalturaplayer6a238e9e72b3e166442395", provider: { widgetId: "1l0m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, allowMutedAutoPlay: false, loop: false }, sources: { options: {}, startTime: 0 }, plugins: {}, sources: { options: {}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, css : "/modules/custom/arcticnckalturaaddon/css/kalturavideo.css", components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [{ presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get: KalturaPlayer.ui.components.Remove }] } }; // Check and add plugins only if they exist if (KalturaPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if (KalturaPlayer.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 (KalturaPlayer.plugins["preventSeek"]) { config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; } config.plugins.floating = { disable: true }; if (KalturaPlayer.plugins["navigation"]) { config.plugins.navigation = { position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if (KalturaPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; } if (KalturaPlayer.plugins["moderation"]) { config.plugins['playkit-js-moderation'] = { disable: true }; } if (KalturaPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if (KalturaPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if (KalturaPlayer.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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