

Principal Scientist I/II, Molecular Pathology

Job ID

REQ-10079427

Jun 03, 2026

LOC_US

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.

Role Requirements

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 \(PDF 30 MB\)](#)

Division

DIV_RE

Business Unit

Research

Location

LOC_US

Site

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

FCT_RD

Job Type

Full time

Employment Type

Regular

Shift Work

No

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