

Senior Scientist, Biomarker Development

Job ID
REQ-10064997

10月 18, 2025

USA

摘要

#LI-On-site

Internal Title: Senior Scientist I

Biomarkers are critical components of translational research, enabling robust therapeutic and mechanistic hypothesis testing in early and late clinical development, and as precision medicine enables covering the potential context of use e.g. confirm target engagement and pathway modulation, assess efficacy and response, PK/PD, safety, disease modification, and compound differentiation that directly support program decision making. As a Scientist in Biomarker Development (BMD), you will be identifying and implementing new methodologies, developing and validating innovative biomarker solutions, delivering high quality and impactful data enabling the development of advance clinical programs. You will work in close collaboration in matrix environment with biomarker activity lead and clinical teams to implement internal and external biomarker activities, provide interpretation of results to enable mechanistic, safety and efficacy understanding.

This is an exciting Laboratory based opportunity to join the Molecular & Cellular Sciences (MCS) team within Biomarker Development (BMD) and Translational Medicine (TM) at the Novartis

Biomedical Research (BR). BMD mission is to deliver cutting-edge biomarkers including proteins, metabolites, cells, genetics, genomics, imaging and digital endpoints with operational excellence, a data-driven mindset, timely delivery, and strong internal and external partnerships. We integrate biomarker modalities, data, technologies, and disease understanding to enable decision-making across all drug development milestones.

About the Role

Key Responsibilities:

- Provide technical expertise with a special focus on ligand binding assay such as ELISAs (MSD, Luminex, ELLA), mass spectrometry, point-of-care testing.
- Develop, validate and implement targeted singleplex / multiplex biomarker assays internally and/or at external vendors
- Present results at internal meetings and in collaboration with MCS Activity Lead
- Work in a matrix environment and collaborate with a team of lab scientists to apply innovative biomarker solutions.
- Work independently design, execute, and interpret experiments
- Ensure high quality and timely delivery of internal and external results
- Conduct activities in compliance with Novartis policies, Values and Behavior and relevant guidelines
- Network internally to expand scientific and technical knowledge.
- this is an on-site role (100%)

Essential Requirements:

- BA/MS in Biology, biochemistry or related discipline with 3-4 plus years of professional hands-on experience in Method Development/ Validation of immunoassays in industry or biotechnology environment required. Bachelors with 6-8 plus years of experience in industry or biotechnology environment may be considered.
- Proficiency running variety of immunoassay platforms such as MSD, Luminex, Ella etc.
- Experience with Quanterix Simoa and Mass Spectrometry is a plus.
- Implement best practices for operation and maintenance of instrumentation.
- Experience in troubleshooting of immunoassays and assay transfer to CROs
- Experience with multiplex assays and profiling platforms is highly desired.
- Experience with automated Western blots, Cobas is a plus.
- Illustrated ability to be creative, self-motivated, work collaboratively and independently.
- Analytical thinking, willingness to accept responsibility, and teamwork skills
- Experience working in a global organization and matrix-resourcing model
- Good Computer skills (Excel, Word, PowerPoint, Soft MaxPro, SMART Book, Spotfire, GraphPad Prism, Watson LIMS)
- Good communication skills for oral and written in English
- Understanding of regulatory requirement relevant to Biomarker Development (e.g. GCLP,

ICH)

The salary for this position is expected to range between \$85,400 and \$158,600 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>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

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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.

部门

Biomedical Research

Business Unit

Universal Hierarchy Node

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

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