

Therapeutic Area Biomarker Lead (Renal, Autoimmune, Genetic diseases)

Job ID
REQ-10048605
May 02, 2025
USA

Summary

#LI-Hybrid

Internal Title: Director

About the role:

As a Therapeutic Area Biomarker Lead (TABL), leading areas related to renal biology, autoimmune diseases, genetics diseases and related areas you will lead project matrix teams of Biomarker Leads (leading at clinical project level) and subject matter experts and support clinical projects as the Biomarker Lead. Biomarkers are critical components of translational research, enabling robust therapeutic and mechanistic hypothesis testing in early and late clinical development, and as precision medicine enablers covering the potential contexts of use e.g. confirm target engagement and pathway modulation, assess efficacy and response, PD/PK and dose selection, safety, disease modification, patient selection or stratification, and compound differentiation that directly support program decision making. The Biomarker Development (BMD), within Translational Medicine in Novartis, is a dedicated group of >150 associates who deliver innovative biomarker solutions for clinical studies. BMD expertise spans the spectrum of biomarker modalities including imaging, digital healthcare technologies, soluble/cellular/molecular, data analytics and operations working in partnerships with the therapeutic area (TA) teams to develop, communicate and implement biomarker, translational science and translational data strategies and plans with the clinical teams and decision boards.

About the Role

Key Responsibilities:

- Acting as BMD's strategic and scientific leader of the renal portfolio and exploratory disease area (DAX, covers kidney, liver and fibrosis themes) to lead fit for purpose clinical biomarker strategies and plans, translational sciences, data, and precision medicine approaches for their portfolio in partnership with key stakeholders including clinical development, research, and other translational medicine functions.
- Leading efforts to identify, develop, and drive disease, mechanistic and compound biology that serves the clinical and precision medicine approaches for the multi-indication portfolio. Is responsible for the contextualization and interpretation of the biomarker data.
- Leading, where relevant, enterprise cross functional teams and work streams for example around human genetics, translational data, precision medicine etc.
- Leading a dedicated matrixed group of biomarker leads (leading at project level) and Subject Matter Experts, as well as key program partners, to together develop biomarkers strategies for disease and/or

assets across the Research-Development-Commercial continuum.

- Acting as Biomarker Lead on clinical projects to drive biomarker and precision medicine strategy at the compound level.
- Representing BMD on decision boards meetings, and clinical protocol review for their projects.
- Developing deep understanding of the translational biomarkers for a project, focused on compound, disease, target, and pathway biology.
- With our data science leads, leading strategic translational data efforts centered on integrating and analyzing large-scale patient multi-modal data sets (omics, imaging, digital, etc.).
- Providing thought leadership with other BMD therapeutic area TABLs to identify alignments and drive innovation across assets, indications, and therapeutic areas.
- Reporting to Therapeutic Area Biomarker Head (TABH) and cooperating closely to enable the development of disease area/indication/project level biomarker strategy and plans, implementation, contextualizing, and interpretation.
- Acting as an enterprise partner and strategic leader in a matrix environment; integrating and representing projects in the internal/external scientific discussions and initiatives.
- Staying up to date on clinical, disease, biology and scientific literature for their respective disease areas or indications.

Essential Requirements:

- This position will be located at the Cambridge, MA site and will not have the ability to be located remotely. This position will require approximately 5% travel as defined by the business (domestic and/or international).
- Minimum 10 years of experience with deep understanding of any of the following areas: renal biology, immunology, auto-immune diseases, genetic diseases or related areas. As well as strong translational research, drug development and clinical biomarkers that can be applied to questions of target and pathway engagement, patient's selection, enrichment, dose selection, efficacy and response, disease progression, among others.
- PhD, MD, PharmD, MD/PhD, or equivalent degrees with relevant experience
- Pharmaceutical industry experience strongly preferred.
- Expertise in human genetics and integrative omics is strongly preferred
- Scientific excellence supported by academic and/or industry career track, and/or high-quality publications; clinical and/or biological expertise in renal biology, autoimmune disease, genetic diseases, or related areas.
- Experience and familiarity with quantitative research and data is strongly preferred, including expertise in genetics and omics profiling, clinical imaging, machine learning, genetics or data science.
- Proven success in leading and partnering in multidisciplinary matrix teams across Pharma, biotech, academic institutions, or commercial business functions.
- Well-developed interpersonal and leadership skills with strong presence and ability to influence and navigate large organizational structures.

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$185,500 - \$344,500/year; however, while salary ranges are effective from 1/1/25 through 12/31/25, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the

position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an “at-will position” and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

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.

Division

Biomedical Research

Business Unit

Pharma Research

Location

USA

State

Massachusetts

Site

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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