NOVARTIS

Senior Molecular Imaging Expert (Senior Principal Scientist)

Job ID
REQ-10004374

1月 10, 2025

USA

摘要

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#LI-Hybrid

About the role:

The Biomarker Development (BMD) group at the Novartis BioMedical Research is seeking a Senior Molecular Imaging Expert to join our Clinical Imaging & Analytics team. Join an imaging team that has extensive knowledge of structural and molecular biomarkers and their use in clinical and translational drug development. You will work with clinical trial teams to determine the role of imaging endpoints along new biological pathways across different therapeutic areas. The role offers a wide view of molecules across various stages as they transition from research to early development and subsequently to Ph2-3 trials. As a part of building imaging endpoints, the role also provides unique exposure to variety of other critical biomarkers (soluble and genetics) for an integrated view of identifying unique patient populations and novel readouts of efficacy and safety.

About the Role

Key Responsibilities:

- Act as an internal expert in PET/SPECT and Molecular Imaging with focus on clinical trials
- Partner with Oncology and General Medicine teams to develop and lead "fit for purpose" imaging strategy and execute on it.
- Implement Imaging in clinical trials to add critical insights on patient eligibility, efficacy, safety, and mechanism of action.
- Collaborate and execute imaging readouts with internal operational support and external contract research organizations (CRO).
- Ensure quality and timely execution of imaging trials to deliver critical drug development decisions; be agile and responsive to clinical teams during the course of design, execution and interpretation of imaging trials.
- Develop and manage network of external experts; be able to synthesize optimal inputs and customize for specific protocols.
- Collaborate with Research teams to develop and lead translational imaging studies.
- Drive molecular imaging and ligand development from late pre-clinic to clinic
- Identify and/or develop novel imaging techniques and endpoints and implement them into clinical trials.

Essential Requirements:

- PhD or MD or MD/PhD with 5+ years of experience in PET/SPECT Imaging in academia or industry ; Industrial experience in clinical trial & translational research is highly desirable
- Must have deep technical knowledge in PET and SPECT as applied to in-life readouts (preclinical and clinical)
- Expertise at the intersection of biomarkers and clinical needs along different stages of drug development
- Ability to balance external science (e.g., literature, KOL inputs) with optimal needs in projects.
- Demonstrated track record of innovative research preferably across imaging modalities
- Strong understanding of clinical trial design, statistics for endpoints and clinical data flow is required. Experience with clinical protocol writing across various line functions is required
- Track record of project management and experience working with imaging CROs; Understanding of sites, budgets and experience with multisite trials is a plus
- Proactive, self- motivated and independent working style. Used to work in a multidisciplinary team and understand the needs and goals of the broader organization

Desirable Requirements:

- Experience in clinical Radioligand/Radiopharmaceutical Therapy (RLT/RPT)
- Expertise in Radiochemistry, novel ligand development from bench to clinic
- Experience in Regulatory submission, FIH , Dosimetry and receptor occupancy of molecular ligands

Novartis EVP Manifesto.mp4

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Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between $132,300 to $245,700/annually 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

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Business Unit
Pharma Research

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站点
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Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area
Research & Development

Job Type
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Employment Type
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Shift Work
No

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