

Molecular Imaging Expert

Job ID

REQ-10049585

Apr 21, 2025

Japan

Summary

This is a newly created position regarding the establishment of a clinical translational research hub.

Senior Expert Imaging

The Biomarker Development (BMD) group at the Novartis Institutes for BioMedical Research (NIBR) is seeking a Senior Expert Imaging to join our Clinical Imaging team and actively provide strategic, scientific, technical and operational leadership on the optimal use of imaging in drug development. Be part of an imaging department with deep expertise in structural and molecular biomarkers and their application in clinical and translational development. You will interact with clinical trial teams to establish the role of imaging endpoints along novel biological mechanisms across diverse therapeutic areas. The role offers a wide view of molecules across various stages as they transition from research, to early development and subsequently to P2-3 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

Major accountabilities include:

- 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

Minimum 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 especially in Leadership roles
- Must have deep technical knowledge in PET and SPECT as applied to in-life readouts (preclinic and clinic)
- Experience in clinical Radioligand/Radiopharmaceutical Therapy (RLT/RPT) is a plus
- Expertise in Radiochemistry, novel ligand development from bench to clinic is a plus
- Experience in Regulatory submission, FIH , Dosimetry and receptor occupancy of molecular ligands is a plus
- 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
- Ability to drive for results and success with a sense of urgency. Willing to be held accountable and take personal responsibility for outcomes
- Should be excited to work in a highly matrixed, highly supportive organization as a servant leader; Enjoy being a good mentor
- Proficiency in English with strong communication skills requiredShould be excited to work in a highly matrixed, highly supportive organization as a servant leader; Enjoy being a good mentor
- Proficiency in English and Japanese with strong communication skills required.

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?

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Division

Biomedical Research

Business Unit

Universal Hierarchy Node

Location

Japan

Site

Toranomon (NPKK Head Office)

Company / Legal Entity

JP05 (FCRS = JP005) Novartis Pharma K.K.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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