

Principal Scientist II/Senior Principal Scientist, Radioligand Dosimetrist

Job ID
REQ-10056227
Jun 26, 2025
Switzerland

Summary

Location: Basel, Switzerland, Hybrid #LI-Hybrid

About the role:

We are seeking an experienced dosimetrist eager to accelerate drug discovery & development by facilitating rigorous decision making with dosimetry, dosimetry analysis, and modeling & simulation. You will work in a multi-disciplinary environment with opportunities to engage in projects that span a range of phases of drug discovery and development.

This role reports to a PK Sciences Translational Modeling team lead, in a group situated within Biomedical Research, the research engine of Novartis.

About the Role

Key responsibilities:

- Build and apply dosimetry workflow during planning, then conduct of RLT clinical trials, working collaboratively with PKS subteam and cross-functional team
- Provide solutions to dosimetry-related issues to clinical study teams
- Develop and file reports of translational and clinical dosimetry data
- Drive integration of state-of-the-art principles of dosimetry in collaboration with modelers and PK scientists.
- Contribute to retrospective analyses of imaging, dosimetry, safety, and efficacy data in cross-functional analytical teams.
- Proactively seek opportunities to increase the impact and awareness of the Modeling & Simulation group and the RLT platform through communications with internal and external audiences.
- Contribute to group strategy and serve as a modeling & simulation & dosimetry subject area expert across PK Sciences and Biomedical Research and Development initiatives.

Essential requirements

- Ph.D. in Nuclear Medicine, Nuclear Physics, Medical Imaging, Medical Physics Radiophysics, or a related field with 5+ years of relevant experience.
- Certification as medical dosimetrist, preferred

- Expertise in radiopharmaceutical/internal dosimetry using MIRD-based and voxel-based dosimetry software
- Demonstrated ability to communicate dosimetry and/or modeling results to a multidisciplinary audience to facilitate decision-making.
- Fluent in English (oral and written).

#ModelingAndSimulation #PKSciences #TranslationalMedicineQuants

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

Commitment to Diversity and Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusion_ch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

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Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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