

Research Scientist II - Radiochemist (80-100%*)

Job ID
REQ-10043089
Mar 07, 2025
Suisse

Résumé

Location: Basel, Switzerland
Full time, onsite, #LI-Onsite

At Novartis we are reimagining medicine to improve and extend people's lives. We use innovative science and technology to address some of society's most challenging healthcare issues. We discover and develop breakthrough treatments and find new ways to deliver them to as many people as possible. How can we continue to advance our science to help patients in need? We believe the answers are found when curious, courageous, and collaborative people are empowered to ask new questions, make bolder decisions, and take smarter risks.

In Global Discovery Chemistry (GDC) in Basel, Switzerland, we are at the core of Novartis' purpose. We are looking for a highly motivated, passionate researcher with a strong scientific background in radiochemistry, a curious mind-set, and cultural agility to work in a highly dynamic team to identify new targeting vectors for radioligand therapies (RLT). Join us and help reimagine medicine!

About the Role

Your responsibilities will include, but are not limited to:

- You will independently plan and execute the synthesis of radioligands (low molecular weight (LMW), peptide and/or protein vectors) with various radionuclides (Lu-177, Ga-68 and F-18), as part of a dynamic team of radiochemists according to a program defined by the project team.
- You will propose, evaluate, interpret and validate new radiolabeling procedures with radioisotopes including the use of automation and advanced formulation development.
- You will collect and perform the quality control of radioligands by High Performance Liquid Chromatography (HPLC), Thin Layer Chromatography (TLC) and Size Exclusion Chromatography (SEC) in the radiochemistry lab environment and release the radioligands for in vitro and in vivo preclinical studies.
- You will be responsible for following implemented radiation safety regulations (e.g. trainings, dosimetry, release and disposal of radioactive waste).
- You will evaluate novel technologies including possibilities for automation to increase daily work efficiency.
- You will collaboratively work with pharmacologists, cell biologists, and project teams to characterize novel radioligand therapies in the upsurging oncology disease area.

Minimum requirements

What you will bring to the role:

- A passion for hands-on chemistry experimentation in the laboratory with the ability to critically interpret results, build new experimental hypotheses, and take smart decisions.
- A bachelor's degree or apprenticeship in chemistry, pharmacy, or related discipline with previous experience in radiochemistry and radiolabeling techniques. Please note that this position does not require a PhD.
- Must have a minimum of 2-3 years practical experience in radiochemistry experimentation in the laboratory, including working with Radiometals
- Comprehensive knowledge of standard IT applications (e.g. E-Notebook, ChemDraw, software-controlled lab equipment).
- Experience in the use of automated synthesizer for production and purification of radiolabeled molecules is an asset.
- A mind-set of curiosity, creativity, collaboration and openness to diverse thinking, with an enthusiasm to develop yourself also beyond your current comfort zones.
- An organized working style, eye for detail, flexibility and commitment to high quality.
- A desire to collaborate with a highly dynamic team, discuss science and contribute to the next generation of RLTs.
- Good oral and written communication in English.

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 inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

*Please note that restrictions on flexible working may apply and will be discussed at interview stage if applicable

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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Division

Biomedical Research

Business Unit

Pharma Research

Emplacement

Suisse

Site

Basel (City)

Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG
Functional Area
Recherche & Développement
Job Type
Full time
Employment Type
Regular
Shift Work
No
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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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