

Radiochemistry Research Scientist (80-100%*)

Job ID
REQ-10055812

6月 25, 2025

Switzerland

摘要

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.

We are looking for a highly motivated, passionate researcher with a strong scientific background in radiochemistry, a curious mindset, and cultural agility to work in a highly dynamic team to identify new targeting vectors for radioligand therapy (RLT) .

About the Role

Key Responsibilities:

- Radioligand synthesis: Independently plan and perform the synthesis of radioligands (including LMW compounds, peptides, and protein-based vectors) using radionuclides such as Lu-177, Ga-68, and F-18, as part of a dynamic team of radiochemists in alignment with project goals.
- Method development: Develop, evaluate, and validate novel radiolabeling methods and formulation strategies to optimize processes.
- Quality control: Conduct quality control analyses of radioligands (e.g., HPLC, TLC, SEC) and ensure their readiness for preclinical in vitro and in vivo studies.
- Collaborative research: Collaborate effectively with multidisciplinary teams, including organic chemists, pharmacologists and cell biologists, to advance the characterization and development of radioligand therapies (RLTs) in oncology.
- Innovation: Explore and implement innovative technologies, including automation, to enhance efficiency in daily tasks.
- Radiation Safety: Adhere to radiation safety guidelines, including training, dosimetry monitoring, and proper handling and disposal of radioactive materials.

Minimum Requirements - What You 'll Bring to the Role:

- Scientific expertise: A strong enthusiasm for hands-on experimental chemistry and radiochemistry, with the ability to interpret results critically, formulate new hypotheses, and design subsequent steps.
- Education: A master's or bachelor's degree or equivalent apprenticeship in chemistry, pharmacy, or a related field, with prior experience in radiochemistry and radiolabeling techniques (PhD is not required).
- Experience: At least 1-2 years of practical experience in a radiochemistry laboratory, along with proficiency in standard IT tools (e.g., E-Notebook, ChemDraw, and software-controlled lab equipment).
- Team-oriented approach: Passion for working in cross-disciplinary teams, exchanging scientific ideas, contributing to shared goals and learning from colleagues with diverse perspectives to advance future RLTs
- Mindset: Strong organizational skills, attention to detail, flexibility, and a commitment to delivering high-quality results.
- Technical proficiency: Familiarity with automated synthesizers for radiolabeling and purification is an advantage.
- Communication skills: Good written and verbal communication skills in English.

Professional Growth and Development

We are committed to fostering the professional growth of every team member. In this role, you will have the opportunity to develop and expand your expertise both scientifically and technically.

- Scientific Involvement: You will be actively involved in project teams, where you can engage intellectually, contribute your ideas, and help shape the direction of innovative projects.
- Technical Growth: You will have the chance to become an expert and go-to person for specific instruments, tools, or processes, making an impactful contribution to the team.

As you grow in this role, you'll take on increasingly significant responsibilities, becoming a valued

contributor to our team ' s success. We believe in empowering our team members to thrive through collaboration, continuous learning, and meaningful challenges.

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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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

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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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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