NOVARTIS

Research Scientist II or Senior Scientist I- Toxicology (80-100%) (Dual Level Posting)

Job ID
REQ-10079252
Июн. 26, 2026
Швейцария

Сводка

#LI-Onsite
Location: Basel
Internal Title: Research Scientist II or Senior Scientist I

We are seeking a highly motivated Associate Scientist to join a multidisciplinary team working on genome safety assessment for advanced therapies. The role focuses on studies supporting the genotoxicity assessment of gene and cell therapies, including AAV-based approaches and CAR-T platforms.
This position offers the opportunity to contribute to cutting-edge research addressing integration risk and tumorigenicity, in a highly collaborative environment interfacing with regulatory, nonclinical, and translational teams. The position is located in Basel (Switzerland). 100% on site.

About the Role
The role will primarily support genome safety assessment of the gene and cell therapy portfolio. In addition, there will be an opportunity for cross-functional contributions to mechanistic safety assessment of additional therapeutic modailities including LMW compounds, xRNA and Biologics. This role is suited for individuals who are energized by scientific challenges and a diverse range of activities.

About the Role

Key responsibilities

- Conduct in vitro studies to support genotoxicity assessment of gene therapies (AAVs, lentiviruses, etc) for regulatory use
- Support mechanistic evaluation of genome integrity following gene therapy modalities
- Generate, analyze, and interpret experimental data to support nonclinical safety assessments
- Contribute to integration site analysis (ISA) strategies and interpretation
- Design and execute cell-based assays to investigate DNA damage and other mechanisms responsible to viral integration
- Develop and implement state-of-the-art innovative technologies and systems for regulatory and investigative genetic toxicity testing across all therapeutic areas and modalities.
- Collaborate with internal experts and external partners to align on study design and data interpretation
- Document and communicate results in reports, presentations, and regulatory-relevant summaries

Essential Requirements:

- Master degree in cellular biology, molecular biology, toxicology or a related subject. No PhD.
- Experience with mammalian cell culture (primary cells and established cell lines)
- Molecular biology: DNA/RNA extraction, PCR based methods, library preparation for sequencing
- Basic programming skills for data analysis (R, Python, etc)
- Strong data interpretation skills and attention to detail
- Ability to work independently and collaboratively in a cross-functional environment
- Effective communication skills: including presenting, manuscript preparation, and collaboration
- A proactive, flexible mindset and enthusiasm for tackling non-routine scientific challenges are essential
- Ability to comply with Good Laboratory Science standards, Safety, Health and Environment standards

Desirable

- Experience with gene therapy systems (e.g. AAV, lentiviral vectors, CRISPR/Cas9)
- CRISPR/Cas9 editing
- Experience with DNA damage/repair readouts (e.g. γH2AX, western blot, immunofluorescence, flow cytometry)
- Karyotyping, molecular karyotyping, advanced cytogenetics (FISH, SKY)
- Familiarity with genome safety concepts (integration, clonal expansion, tumorigenicity)
- Exposure to primary human cells (e.g. hepatocytes) and/or advanced in vitro models
- Understanding of regulatory context for nonclinical safety

This is a dual posting. The final level & title of the offer role would be determined by the hiring team based on the skills, experience & capabilities required to perform the role at the level the role has been offered.

Benefits & Rewards

At Novartis, we’re committed to reimagining medicine together - and rewarding the people who make it happen.

Expected Annual Base Salary Range for role:

- 65,870.00 - 122,330.00 CHF Annual

The base salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters.

The rewards of being part of our team go far beyond base pay and incentives. We also offer a variety of competitive benefits in kind to help you thrive personally and professionally, such as insurance plans, retirement plans, wellbeing resources and global recognition programs. In addition, we provide flexible and hybrid working options, where possible, and minimum 14 weeks paid parental leave.

In addition to your base salary, you may be eligible for a performance-based bonus depending on certain performance parameters. Long-term equity awards granted at group level may also be part of your package. Further details will be provided during the application process.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

Read our brochure to learn more about our global total rewards offering:

https://www.novartis.com/sites/novartis_com/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

Commitment to Diversity and Inclusion / EEO

Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representativeof 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.

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

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.
Read our handbook (PDF 30 MB)

Primary location salary range
CHF65,870.00 - CHF122,330.00
Дивизион
Biomedical Research
Business Unit
Research
Место
Швейцария
Сайт
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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