NOVARTIS

Senior Scientist - Oncology Translation Research (OTR)

Job ID
REQ-10090860
Nov 10, 2026
LOC_US

About the Role

Key Responsibilities

- Independently design, execute, troubleshoot, and interpret biomarker studies addressing critical oncology project questions.
- Develop, optimise, validate, and apply immunohistochemistry, immunofluorescence, and in situ hybridisation assays.
- Perform quantitative whole-slide image analysis using digital pathology and artificial intelligence-enabled platforms.
- Collaborate with subject-matter experts to characterise preclinical models and answer scientific and technical questions.
- Manage external research partners and contract research organisations, including assay transfers, milestones, data exchange, and deliverables.
- Maintain high standards for data integrity, biosafety, laboratory operations, and continuous improvement.
- Communicate findings and recommendations through project discussions, scientific presentations, and study reports.

Essential Requirements

- Bachelor's or Master's degree in Biological Sciences, Pathology, Molecular Biology, Cell Biology, or a related discipline, with relevant laboratory experience.
- Hands-on experience with tissue-based biomarker methods such as immunohistochemistry, immunofluorescence, or in situ hybridisation.
- Experience optimising and troubleshooting biomarker assays and interpreting tissue-based experimental data.
- Ability to independently design and execute experiments, analyse complex datasets, and make clear recommendations.
- Working knowledge of molecular and cell biology methods such as cell culture, quantitative polymerase chain reaction, western blotting, or flow cytometry.
- Ability to manage multiple activities, prioritise deliverables, and collaborate effectively in a multidisciplinary matrix environment.
- Clear written and verbal communication skills, with basic proficiency in Microsoft Excel, PowerPoint, and Word.

Desirable Requirement

- Experience using preclinical models and human tissue specimens in oncology translational research.
- Experience in basic pathology/ tissue histology.
- Broad understanding of the drug discovery and development pipeline.
- Experience with digital pathology, whole-slide imaging, quantitative image analysis, or AI-enabled image-analysis platforms.
- Experience with spatial transcriptomics, spatial proteomics, multiplex tissue imaging, or related technologies.
- Experience transferring assays to or overseeing work performed by external partners or contract research organizations.

Working Arrangements

This is an onsite, laboratory-based position in Cambridge, Massachusetts. It is not eligible for remote work, and no business travel is currently required.

What We Offer

This is a dual level posting and as such the salary for this position is expected to range between:

Senior Scientist I: $93,800 - $174,200 per year

Senior Scientist II: $98,700 - $183,400 per year

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click here.

Role Requirements

Division
DIV_RE
Business Unit
Research
Location
LOC_US
Site
Cambridge (USA)
Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.
Functional Area
FCT_RD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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