

Senior Scientist / Principal Scientist, In Vivo Pharmacology, Oncology (Dual Posting)

Job ID
REQ-10047402
Apr 15, 2025
USA

Summary

About the role:

#LI-Onsite

We are seeking a highly motivated and skilled Scientist specialized in oncology pharmacology to join our in vivo pharmacology team in the Oncology Disease Area at the Novartis BioMedical Research (BR) facility located in San Diego, CA. Our team is dedicated to the creation and development of innovative medicines to help cancer patients. We conceive, develop, validate, and employ pharmacological tools to evaluate the efficacy and safety of novel oncology drug candidates.

About the Role

Key Responsibilities:

- As an experienced and skilled lab-based in vivo pharmacologist, you will develop and work on various preclinical tumor models that involves surgery procedures.
- You will be part of a fast-paced, integrated, and interactive research group exploring novel and innovative therapeutics for oncology programs.
- You will be responsible for generating and communicating pharmacology data to support the progression of oncology programs.
- Designing, conducting, analyzing and reporting in vivo and ex vivo studies
- In vivo work will include animal handling and techniques such as tumor inoculation, measurement, oral, SC, IP, and IV dosing, blood and tissue collection and model development
- Ex vitro work includes a range of cellular and biochemical assays, including multi-color flow cytometry, WES, ELISA, qPCR to help interpret in vivo observations
- Employ good laboratory, data recording and data documentation practices.
- Present results in lab, department and project meetings
- Collaborate effectively while working in a matrixed environment

Essential Requirements:

- This position will be located at the San Diego, CA site and will not have the ability to be located remotely. This position will not require travel.
- This is a dual posting. The final level and title of the offer role would be determined by the hiring team based on the skills, experience, and capabilities required to perform the role at the level the role has been

offered (Senior Scientist / Principal Scientist).

- Principal Scientist must be proficient with small rodent surgical techniques.
- Principal Scientist must have hands on experience developing complex in vivo cancer models such as orthotopic and GEMM models
- Bachelors or Masters in Pharmacology, Biochemistry, Bioengineering, Biology, Cell Biology, Molecular Biology or a related life science area
- At least 5+year hands on experience and highly proficiency in rodent handling procedures and in vivo skills including but not limited to dosing (IV, PO, SC, IP), tumor measurement, blood and tissue collection, necropsy.
- Proficiency in cell culture, passaging and harvesting cells
- Hands-on experience with ex vivo biological techniques and assays for PD analysis is a plus
- Must be independent and able to follow pre-established experimental designs, as well as develop new methods, protocols, and technologies based on existing literature.
- Must be detail-oriented, punctual, reliable and available on weekends when necessary.
- Must be multi-tasking and able to handle multiple in vivo studies in parallel.
- Computer literacy, especially proficiency with GraphPad Prism or similar system, Excel, PowerPoint and Word

Desirable Requirement

- Hands-on experience with ex vivo biological techniques and assays for PD analysis.
- Senior Scientist: Proficiency with small rodent surgical techniques. Experience developing complex in vivo cancer models such as orthotopic and GEMM models.

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between: \$93,800 and \$174,200 / year for the Senior Scientist and \$103,600 and \$192,400 / year for the Principal Scientist; however, while salary ranges are effective from 1/1/25 through 12/31/25, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an “at-will position” and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors

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>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we’ll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Division

Biomedical Research

Business Unit

Universal Hierarchy Node

Location

USA

State

California

Site

San Diego

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

[Apply to Job](#)

Job ID

REQ-10047402

Senior Scientist / Principal Scientist, In Vivo Pharmacology, Oncology (Dual Posting)

Source URL: <https://prod1.novartis.com/uk-en/careers/career-search/job/details/req-10047402-senior-scientist-principal-scientist-vivo-pharmacology-oncology-dual-posting>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://talentnetwork.novartis.com/network>
3. <https://www.novartis.com/careers/benefits-rewards>
4. <mailto:us.reasonableaccommodations@novartis.com>
5. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/San-Diego/Senior-Principal-Scientist---Principal-Scientist--In-Vivo-Pharmacology--Oncology--Dual-Posting-_REQ-10047402-1
6. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/San-Diego/Senior-Principal-Scientist---Principal-Scientist--In-Vivo-Pharmacology--Oncology--Dual-Posting-_REQ-10047402-1