

Senior Scientist I/II, In Vivo Pharmacology (Echocardiography) - CVM

Job ID
REQ-10054506

6月 11, 2025

USA

摘要

We are seeking a highly motivated scientist specialized in echocardiography to join our in vivo pharmacology team in the Cardiovascular and Metabolic (CVM) Disease Area at the Novartis BioMedical Research (BR) facility located in Cambridge, MA. Cardiometabolic disease is the leading cause of death worldwide, taking an estimated 17.9 million lives each year. Our team is dedicated to the creation and development of innovative medicines to change this alarming statistic. We conceive, develop, validate, and employ pharmacological tools to evaluate the efficacy and safety of novel cardiometabolic drug candidates.

As an experienced and skilled lab-based echocardiographer, you will work both independently and collaboratively in an inter-disciplinary setting to execute experiments in preclinical models of cardiovascular disease. You will perform multi-mode echocardiography including strain by speckle tracking and Doppler imaging for heart systolic function and diastolic function. You will collect, analyze, and interpret echo images, and report cardiac structural and functional data in both written study reports and at team meetings. You will support drug discovery for heart failure and arrhythmia therapeutics by participating in pharmacodynamic/pharmacokinetic (PK/PD) and efficacy studies,

while broadening your knowledge in the non-invasive imaging field.

#LI-Onsite

This position will be located at Cambridge and will not have the ability to be located remotely

About the Role

Key responsibilities:

- Independently design, execute, analyze, and document in vivo echocardiographic experiments in heart failure and/or arrhythmia animal models.
- Employ good laboratory, data recording and data documentation practices.
- Establish new imaging techniques and approaches to support heart failure or arrhythmia studies.
- Support drug discovery projects with PK/PD studies.
- Collaborate effectively while working in a matrixed environment.
- Present results in lab and department meetings.
- Assist in the completion of research reports to support regulatory filings.

Minimum role requirements

- Bachelors or Masters in pharmacology, physiology, or other life sciences area
- 3-5+ years of relevant experience in rodent echocardiography.
- Experience in handling, dosing, and phenotyping animal models of disease, ideally with an emphasis in heart failure, arrhythmia or cardiorenal disease, experience with non-rodent models would be a bonus
- Drug discovery experience desirable.
- Experience in working with a multidisciplinary team of scientists.
- Basic knowledge of statistics and experience with common statistical software for biomedical research.
- Proficiency with Microsoft Office (Word, Excel and PowerPoint).
- Strong written, oral and record keeping skills.

The salary for this position is expected to range between Senior Scientist I: \$85,400-\$158,600/year | Senior Scientist II: \$93,800-\$174,000/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](#).

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
Universal Hierarchy Node

地点
USA

状态
Massachusetts

站点
Cambridge (USA)

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

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