

DARe Research Scientist, Age-related Diseases

Job ID
REQ-10017927
Aug 05, 2024
USA

Summary

The Diseases of Aging and Regenerative Medicine (DARe) in Cambridge is seeking for a highly motivated BS/MS level scientist to join our early stage exploratory and drug discovery department. Our group is developing new therapies for age-related diseases, exploring disease biology understanding and potential treatments including target identification, validation and subsequent developing therapeutic interventions. In the role, you will be working on exploratory and drug discovery projects in age-related diseases. Your role involves developing complex in vitro assay and aging systems, in particular iPSC-derived cardiac, muscular and neuromuscular 2D and 3D models and phenotypical assay systems with a broad range of readout and, in addition, ex vivo exploration of novel biomarkers and readouts in disease models using emerging technologies. You will be part of an interdisciplinary, highly collaborative group.

About the Role

Internal Job Title – Research Scientist I/II

Position Location: Cambridge, MA, onsite

The Diseases of Aging and Regenerative Medicine (DARe) in Cambridge is seeking for a highly motivated BS/MS level scientist to join our early stage exploratory and drug discovery department. Our group is developing new therapies for age-related diseases, exploring disease biology understanding and potential treatments including target identification, validation and subsequent developing therapeutic interventions. In the role, you will be working on exploratory and drug discovery projects in age-related diseases. Your role involves developing complex in vitro assay and aging systems, in particular iPSC-derived cardiac, muscular and neuromuscular 2D and 3D models and phenotypical assay systems with a broad range of readout and, in addition, ex vivo exploration of novel biomarkers and readouts in disease models using emerging technologies. You will be part of an interdisciplinary, highly collaborative group.

- Perform molecular and cellular biology techniques to support exploratory and drug discovery projects in DARe.
- Apply a diversity of in vitro techniques to identify and validate assays and characterize cellular models of disease.
- Apply a diversity of ex vivo techniques to assess preclinical and human samples for pharmacodynamic biomarkers and innovative readouts.
- Apply a diversity of data analysing and visualization techniques to generate, analyze and document study results, as well as interpret and present data to multidisciplinary groups

- Keep current on emergent technologies through literature review and scientific meetings

Minimum requirements

What You'll Bring to the Role:

- MS, BS or equivalent degrees in molecular biology, biochemistry, cell biology, or related field with 2+ years of demonstrated ability, preferably in industry.
- Expertise in in vitro methods including but not limited to molecular and cellular biology. Experience with iPSC-derived models are desirable.
- Expertise in ex vivo/in vivo methods including biomarker and tissue analysis would be helpful
- Knowledge and hands-on experience in developing and implementing assays (e.g. cell culture, qPCR, IHC/IF, ELISA, gene and protein analysis, imaging).
- Data proficiency, including but not limited to data cleaning, wrangling, visualization, and conducting basic statistical analysis using Excel, R, Python or Prism. Eagerness to learn and leverage internal web-based tools for data exploration. Prior experience with omics data would be advantageous.
- Ability to document, organize, communicate and present sophisticated data sets to multidisciplinary groups.
- Ability to multi-task, work collaboratively as well as independently, be scientifically curious and self-motivated
- Excellent oral and communication skills, analytical skills and interpersonal skills

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Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$66,000 to \$126,000/year; however, while salary ranges are effective from 1/1/24 through 12/31/24, 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

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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?

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Division

Biomedical Research

Business Unit

Pharma Research

Location

USA

Site

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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Major Accountabilities ~ Steigern Sie Ihr wettbewerbsfähiges Umsatzwachstum ~ Identifizierung und Priorisierung von Kunden mit hohem Potenzial durch Datenanalyse (HCPs und Stakeholder), die Verschreibungsentscheidungen beeinflussen ~ Steigern Sie die Vertriebsleistung durch die geschickte Orchestrierung positiver Kundenerlebnisse ~ Engagieren und Beziehungen aufbauen ~ Führen Sie wertorientierte Gespräche (persönlich und virtuell), um kritische Kundenherausforderungen, Entscheidungstreiber, Schwachstellen und Chancen zu verstehen ~ Personalisieren und orchestrieren Sie Customer Engagement Journeys für HCPs,

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