

In Vivo Research Scientist, Ophthalmology " >

Job ID
328818BR
Nov 24, 2021
USA

Job Description

256 million people worldwide are affected by glaucoma and age-related macular degeneration (AMD), two of the leading causes of vision loss in older adults. As the global population ages, eye diseases are projected to significantly increase over the coming decades. At the Novartis Institutes for BioMedical Research (NIBR), we are focused on discovering therapies for glaucoma, AMD, and other blinding eye diseases.

We are seeking a creative and collaborative research scientist to join our ophthalmology department to help discover new therapies for ocular diseases. A successful candidate in this position will have a hands-on role focusing on ocular disease model development and characterization with the opportunity to reveal new biology leading toward innovative therapeutic candidates. The knowledge generated will directly contribute to driving discovery of new therapies for patients with blinding diseases.

Your responsibilities:

- Plan and perform in vivo pharmacology experiments, then analyze, summarize, and clearly present that data to inform project team decisions.
- Extensive animal handling (basic manipulation, restraint and injections)
- Experience with techniques such as Western blot, qPCR, immunofluorescence, etc.
- Establish and validate in vivo models of ocular disease that will be used to develop new drugs
- Apply creative solutions toward solving experimental challenges.
- Maintain an open and collaborative mindset, required to effectively operate in a highly matrixed team.
- Authoring, delivering and presenting study reports to project teams to drive key decisions.

Diversity & Inclusion / EEO

The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration and empowers our people to unleash their full potential.

Minimum Requirements

What you'll bring to the role:

- Bachelor's or Master's degree in Neuroscience, Pharmacology, Biology, Biomedical Engineering or similar field

- 2+ years of hands-on experience with rodent studies, including animal restraint, and dosing via various routes. Experience with ocular disease models is preferred, but not required.
- Experience with designing, executing, and analyzing in vivo experiments.
- Ability to analyze data with high quality standards and clearly communicate the results to teams
- Ability to work independently in a fast-paced, creative, and collaborative environment
- Strong organizational skills, attention to detail, and desire to learn new techniques

799 million. That's how many lives our products touch. And while we're proud of that fact, in this world of digital and technological transformation, we must also ask ourselves this: how can we continue to improve and extend even more people's lives?

We believe the answers are found when curious, courageous and collaborative people like you are brought together in an inspiring environment. Where you're given opportunities to explore the power of digital and data. Where you're empowered to risk failure by taking smart risks, and where you're surrounded by people who share your determination to tackle the world's toughest medical challenges.

We are Novartis. Join us and help us reimagine medicine.

Commitment to Diversity & Inclusion:

Novartis embraces diversity, equal opportunity and inclusion. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration, and empowers our people to unleash their full potential.

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Division

NIBR

Business Unit

OPHTHALMOLOGY

Location

USA

Site

Cambridge, MA

Company / Legal Entity

NIBRI

Functional Area

Research & Development

Job Type

Full Time

Employment Type

Regular

Shift Work

No

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