Position Summary

Scientist Zebrafish Core

Regeneron Pharmaceuticals, Inc.
Tarrytown, NY, United States

Requisition Number: 18058BR

Employment Type: Regular Employee
Known for its scientific and operational excellence, Regeneron is a leading science-based biopharmaceutical company that discovers, invents, develops, manufactures, and commercializes medicines for the treatment of serious medical conditions. Regeneron commercializes medicines for eye diseases, high LDL-cholesterol, atopic dermatitis and a rare inflammatory condition and has product candidates in development in other areas of high unmet medical need, including rheumatoid arthritis, asthma, pain, cancer and infectious diseases.

Summary:
We are interested in establishing a small genetics core group, using zebrafish as a model organism. We are seeking a highly motivated and experienced scientist to help establish this group, and to drive our discovery and development efforts pertaining to mechanisms induced from in vivo biological experiments, applying target and therapeutic questions to the zebrafish model. It will be necessary to help establish and guide a small group of people to work collaboratively in developing the vision for future studies. Specific work will be around developing genetic models for testing of experimental therapeutics and for mechanistic biology studies, by also establishing innovative ways to study these models. The secondary objective of this role is to provide outstanding scientific and people leadership, in addition to planning and management of in vivo, pre-clinical science, to a new team of researchers focused on target discovery and validation efforts across a wide range of areas in the various therapeutic areas, by applying the zebrafish approach. This role includes overseeing the non-clinical evaluation of drug candidates in animal models; establishing and validating animal models that are relevant for understanding mechanisms of aging, cardiovascular disease, neurological disease, fibrosis, etc that may give rise to, or create a permissive environment for, human clinically-relevant disorders. The team has access to REGN’s industry leading and proprietary technologies for target validation (VelociGene and VelociMouse), antibody generation (VelocImmune) and protein production (VelociMab) to support rapid target discovery and validation efforts.

Responsibilities:
- Provides strategic and innovative scientific leadership to achieve the Core Zebrafish goals in conjunction with Sr. Scientific management input and direction
- Manages and coordinates non-PhD scientific staff in the execution and design of experiments to discover and validate new targets within the various therapeutic realms, including establishing aged pre-clinical models, and disease models.
- Has primary and direct responsibility for evaluating the results of ongoing studies and sets clear priorities across the core group, to progress the best drug targets and candidates into the clinic
- Interacts with and presents to other groups in Discovery Research and Sr. Scientific management to inform them of progress, invite collaboration and to provide an in-depth review of the science
- Works collaboratively and openly invites scientific questioning from peers and the TFA teams alike
- Provides high quality and timely reports to support pre-IND and post IND activities and/or government agencies as needed
- Develops scientific team members in their ability to evaluate data critically, design experiments, present data in audience appropriate ways, and to ready our next generation of scientific talent for potential broader scientific and/or people leadership roles. Contributes to the REGN post doc program as needed
- Establishes and leads extramural collaborations
- Writes and/or supports writing of manuscripts for publication in peer reviewed journals by the team
- Drives scientific rigor and innovation throughout the TFAs through keeping current on scientific topics and discoveries through literature review and conference attendance; ensures that the team does the same and new data and approaches are incorporated into the TFAs as appropriate

Requirements:
This position requires a minimum of a PhD/MD with at least 3 years of relevant academic and/or industry experience leading teams, focused on using zebrafish as a preclinical model. Some prior experience in muscle disease is helpful but not required. Some experience in industry is preferred. A proven track record of innovation via discoveries and publications that underscore his/her ability to understand the biology and mechanisms of vulnerability to age-related signaling changes.

The ideal candidate will have in-depth in vivo technical expertise, be hardworking, flexible, innovative and able to function effectively in a fast-paced environment. They will also have excellent communication skills and be able to work well in a team.

This is an opportunity to join our select team that is already leading the way in the Pharmaceutical/Biotech industry. Apply today and learn more about Regeneron’s unwavering commitment to combining good science & good business.

To all agencies: Please, no phone calls or emails to any employee of Regeneron about this opening. All resumes submitted by search firms/employment agencies to any employee at Regeneron via-email, the internet or in any form and/or method will be deemed the sole property of Regeneron, unless such search firms/employment agencies were engaged by Regeneron for this position and a valid agreement with Regeneron is in place. In the event a candidate who was submitted outside of the Regeneron agency engagement process is hired, no fee or payment of any kind will be paid.

Regeneron is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability status, protected veteran status, or any other characteristic protected by law.