Scientist/Senior Scientist, Preclinical Cellular/Gene Therapy Technology Development, Molecular Biology

Job ID: 201909-126535

Job Function
Research

Location
South San Francisco
California
United States of America

Company/Division
Pharmaceuticals

Schedule
Full time

Job type
Regular

Job Level
Individual contributor

The Position

The Department of Molecular Biology has an exciting opportunity for a Scientist/Senior Scientist with a strong background in viral vector engineering and application, genome editing, and/or synthetic gene circuitry.

The successful applicant will lead a highly dynamic research team focused on developing and applying technologies for in vivo/ex vivo genetic manipulation and cellular reprogramming. (S)he will establish an independent research platform as well as collaborative studies across therapeutic areas. In addition, the Scientist/Senior Scientist will develop tools, in vivo models, and genetic screening methods to advance broader drug target discovery and validation efforts. The successful applicant will be expected to present their research externally and publish in peer-reviewed journals.

Requirements:

A self-motivated candidate with a PhD and/or MD as well as post-doctoral expertise in Genetics, Molecular Biology, Biochemistry, Cancer Biology, Immunology, Regenerative Medicine, Neurobiology, Genome Engineering, Cell/Gene Therapy, or related disciplines. Qualified applicants will have demonstrated leadership capabilities and successful, documented application of molecular genetics/genome engineering in model organisms and/or primary/stem cell systems as well as a thorough understanding of cell/tissue specific gene delivery and expression. Preferred expertise includes some or all of the following: DNA/RNA nucleases, 2D and 3D cell culture, primary and/or stem cell model generation/differentiation/application, molecular cloning, RNA/DNA/protein quantification, epigenetics, gene network manipulation/perturbation, and viral vector (AAV, lentivirus, retrovirus) engineering/production/use. Working knowledge of pooled vector-based screening, Next-Gen Sequencing (NGS), biostatistics, and/or basic bioinformatics is
desirable.

The successful candidate will have demonstrated a sustained record of productivity and scientific contributions beyond his/her postdoc, as evidenced by consistent high-impact publications, patents, and/or external presentations. All candidates will be expected to have excellent organizational skills, an ability to prioritize effectively, be team-oriented, collegial, and have strong interpersonal and communication skills.

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Who We Are

A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 40 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. Genentech has multiple therapies on the market for cancer & other serious illnesses. Please take this opportunity to learn about Genentech where we believe that our employees are our most important asset & are dedicated to remaining a great place to work.

Genentech is an equal opportunity employer & prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, disability, marital & veteran status. For more information about equal employment opportunity, visit our Genentech Careers page.