

Sr. Scientist/Scientist - Electrophysiologist

Job ID: 00414337

Job Function

Research

Schedule

Full-time

LocationUnited States-California
South San Francisco**Job type**

Regular Employee

Company/Division

Pharmaceutical

Job Level

Experienced

Who We Are

At the Roche Group, about 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 30 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. The headquarters for Roche pharmaceutical operations in the United States, Genentech has multiple therapies on the market for cancer and other serious illnesses. Please take this opportunity to learn about Genentech, where we believe that our employees are our most important asset and are dedicated to remaining a great place to work.

The Position

We have an opening for a talented electrophysiologist to join our Biochemical and Cellular Pharmacology group as part of the small molecule drug discovery program in our South San Francisco location.

Responsibilities:

- Provide support for specific projects in the neuroscience and immunology indications using in vitro electrophysiological techniques as well as standard medium and high-throughput biochemical and cell-based assay technologies.
- Develop, optimize and validate protocols for ligand and voltage-gated ion channel targets to execute ultra-high throughput screening campaigns and evaluate the structure-activity relationships (SAR) and mechanism-of-action of small molecules in the context of multi-disciplinary project teams.
- Provide scientific guidance to the prosecution of ion channel small molecule targets, including assay development, assay cascades, and counterscreening strategies.
- Leadership in employment or development of new technologies, including medium throughput electrophysiology equipment
- Collaborate closely with our medicinal chemists, in vivo pharmacologists, and therapeutic area biology experts.
- Provide leadership and guidance to a focused team of direct reports, including junior

PhD level scientist(s) as well as highly experienced Senior Research Associates.

Who You Are

Requirements:

- Ph.D. and post-doctoral training in the electrophysiology of ion channels
- At least 7 years of industrial experience in developing and validating medium- to high-throughput assays as well as generating SAR for support of small molecule drug discovery efforts for ion channel targets.
- Experience in the development, validation, and execution of protocols for ligand and voltage-gated ion channels.
- Experience in designing assay strategies to capture appropriate leads
- Experience with medium- to high-throughput electrophysiology equipment and rigorous data analysis methods.
- Strong leadership and communication skills
- Experience managing highly talented teams and participating in multi-disciplinary project teams preferred

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