

Scientist - DMPK (in-vitro/in-silico)

Job ID: 00405904

Job Function

Research

Schedule

Full-time

Location

United States-
United States

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

The DMPK group is dedicated to enabling the discovery, development and commercialization of safe and effective medicines by elucidating the absorption, distribution, metabolism, excretion and pharmacokinetic properties of small molecule drug candidates. We accomplish this through the application of state of the art technologies and sciences of bioanalysis, drug metabolism, drug transport and pharmacokinetics. The DMPK group works in close partnership with disciplines such as medicinal chemistry, pharmacology, toxicology, pharmaceutical sciences, clinical pharmacology and regulatory to optimize leads, select clinical candidates, conduct preclinical development studies, support clinical evaluation and contribute to IND and NDA filings.

We are seeking a candidate to support both in vitro and in silico ADME. The candidate will work with an established team on various in vitro assays and will collaborate with other scientists in the group to perform hypothesis-driven studies to address ADME questions.

On the in silico side, the candidate will apply ADME models to support projects and maximize the value of existing ADME data. They will work at the intersection of modeling ideas, model generation and experimental investigation to support/build SAR and meet project need. A key part of the role will be continuing education in the department on use of predictive DMPK and championing use of in silico tools. The candidate will be a highly effective and energizing collaborator and will work with scientists from multiple disciplines

including computational and medicinal chemistry, safety assessment and pharmaceutical sciences.

Who You Are

PhD in chemistry, DMPK related science or computational sciences with an in vitro experimental background and at least 4 years of relevant industrial/post-doc experience. Hands on experience with in vitro ADME assays (such as CYP inhibition, metabolic stability etc.), analytical techniques (HPLC and mass spectrometry) and assay trouble-shooting highly desirable. Strong understanding of applied statistical and data driven modeling techniques, such as regression and machine learning methods, to model and predict DMPK endpoints and experience with 3D structural modeling is required with a track record in the predictive ADME field. The candidate must be highly motivated, organized, excellent communication skills (both oral and written), detail oriented, and a good team player.

Genentech is an Equal Opportunity Employer.