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# Example of Scientist, Pharmacology Job Description

Our company is growing rapidly and is looking to fill the role of scientist, pharmacology. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for scientist, pharmacology

* Proactively plan and execute own development strategy that applies technical and functional knowledge to design experiments/ projects that contribute to overall direction of department/ discipline
* Develop and implement methodology to characterize target engagement of therapeutic molecules
* Design and develop innovative high throughput techniques for target-based and phenotypic screening
* Investigate molecular mechanisms of action of drug candidates and develop an understanding of receptor signaling and trafficking pathways involved
* Contribute to the scientific management of projects by participating in drug discovery teams in collaboration with Chemistry, Bioanalytical/ADME and In Vivo Pharmacology groups
* Create and advance concepts for new drug discovery projects
* Participate in the global scientific community through attendance at scientific conferences and publication of novel research findings in peer-reviewed, high quality journals
* Develop and execute in biochemical and biophysical assays, such as Caliper and Microscale Thermophoresis (MST), for lead discovery, hit optimization and lead optimization
* Able to analyze and interpret data and trouble-shoot with supervision
* Operates common laboratory equipment as needed

## Qualifications for scientist, pharmacology

* May travel to scientific conferences and attend career development courses
* Cancer immunology background and/or experience with preclinical development of immuno-oncology therapeutics highly desired
* BS/MS with at least 5 yrs
* A broad knowledge and proven ability to evaluate, develop and troubleshoot in vivo models and systems for compound evaluation and a deep working knowledge of the animal models required to progress candidate molecules
* Connections with key opinion leaders in fields relevant to the disease area is helpful
* Experience/knowledge in gut physiology and the role of intestinal receptorI transporters or expertise in cardio-renal disease is a plus