

Sr. Scientist – In Vivo Pharmacology

Pionyr Immunotherapeutics Inc., a growing South San Francisco-based immuno-oncology company focused on novel approaches to generate anti-tumor immunity, is seeking an experienced and highly motivated in vivo pharmacologist to play an integral role in moving our discovery research efforts into the clinic. The successful candidate will join an experienced drug development team. The ideal candidate will have extensive experience in cancer biology, in vivo PK analysis, PK/PD analysis, anti-tumor efficacy determination, PD/biomarker analysis, and is a strong team player who enjoys scientific discovery and has the ability to provide scientific leadership to the Pharmacology team.

Specific Responsibilities Include (but not limited to):

- Serve as a scientific and technical leader within the In Vivo Pharmacology team
- Perform mouse anti-tumor studies, including compound formulation, animal handling, dosing, bleeding and tissues collection
- Establish and develop project relevant syngeneic tumor models
- Design and execute PK studies in rodents, PK/PD and efficacy studies in syngeneic tumor models,
- Analyze PD/biomarker using the Western blot assay or by immunohistochemistry
- Document, organize, and interpret data
- Present results at Department and Company meetings

Requirements:

- PhD with 8 + years industrial or academic research experience within *in vivo* pharmacology and oncology
- Knowledge and experience in in vivo oncology pharmacology, as well as general knowledge of oncology drug discovery and development
- Strong technical expertise with standard in vivo techniques, including rodent handling, dosing (via oral, ip, iv, sc, mini-pump), bleeding, tissue collection, small surgeries, animal anesthesia, and necropsy to evaluate PK, PK/PD relationship and efficacy of small molecular drugs in rodents and xenograft tumor models
- Experience with large-scale cell culture for tumor implantation into rodents
- Experience with PD analysis using Western blot and/or IHC assays
- Able to follow IACUC protocols and SOPs, and execute multiple simultaneous tasks independently
- Strong organization skills including the ability of manage internal in vivo studies and animal rooms
- Demonstrated to think creatively and to work within a team setting
- Strong verbal and written communication skills
- Proven leadership skills in mentoring and directing priorities of junior level research staff