



Senior Research Associate – *in vivo* Pharmacology

Pionyr Immunotherapeutics Inc., a San Francisco Bay based immuno-oncology company focused on novel approaches to generate anti-tumor immunity, is seeking a talented *in vivo* pharmacologist to play a key role in the validation of targets and development of novel therapeutics that mobilize the immune system against cancer. This role will support our oncology efforts and the incumbent will collaborate with project team leaders to progress therapeutic candidates from early discovery to IND-enabling studies. The ideal candidate will have a strong background in small animal pharmacology, particularly in the area of mouse tumor models.

Key Responsibilities Include (but not limited to):

- Contribute to discovery and development projects for antibody therapeutics by conducting *in vivo* efficacy, PK, and PD studies utilizing syngeneic mouse and humanized cancer models
- Maintain cell lines using standard cell culture techniques in support of *in vivo* studies
- Use standard immunology techniques (MACS, FACS, ELISA) to support *ex vivo* analysis of cells from animal tissues
- Write and/or review SOPs, technical reports, and study reports
- Maintain relevant laboratory supplies and equipment
- Present scientific results at team and staff meetings

Minimum Requirements:

- BS/MS in immunology or related field with at least 5 years of hands-on *in vivo* pharmacology experience (preferably in immuno-oncology) in an academia or industry environment
- Proficiency in mouse handling and dosing skills (oral gavage, intravenous, and intraperitoneal, subcutaneous)
- Demonstrated ability to independently conduct mouse tumor studies
- Experience in developing and conducting syngeneic, xenograft, or humanized mouse tumor models including orthotopic implants
- Excellent aseptic cell culture technique for handling human and murine primary cells and cancer cell lines
- Experience with routine immunology and biochemistry techniques (e.g., IHC, immunoblotting, flow cytometry, fluorescence microscopy, and *ex vivo* tissue processing)
- Excellent communication skills with the ability to work effectively in a dynamic and flexible team environment
- Ability to maintain detailed records of experimental methods and results
- Ability to critically interpret and effectively present data
- Demonstrated proficiency in the use of software tools to support data analysis (e. g., Prism, FlowJo, Word, Excel, and Powerpoint)
- Adaptability to shifting priorities and changing work assignments