

## **Associate Scientist / Scientist – Translational Immuno-Oncology and IHC (Biomarkers)**

Pionyr Immunotherapeutics Inc. is a growing immuno-oncology company based in South San Francisco focused on novel approaches to cancer immunotherapy. We are looking for a highly motivated and dedicated candidate for a full-time Scientist position who has strong expertise in IHC, multiplex Immunofluorescence, biomarker development, and translational biology. The candidate will help establish the tissue/biomarkers profiling and image analysis lab at Pionyr, play an integral role in advancing our therapeutic candidates into the clinic, and support target and translational discovery efforts.

### **Specific Responsibilities Include (but not limited to):**

- Histology work, including tissue processing, embedding, and sectioning.
- Staining tissues from different species with different methods including H&E, special stains, Immunohistochemistry (IHC), Immunofluorescence (IF), and In Situ Hybridization (ISH and FISH).
- Imaging and analyzing/scoring tissue sections, including Tissue Microarrays (TMAs).
- Developing clinical biomarker strategy to select patients and monitor clinical response.
- Troubleshooting and optimizing IHC assays and novel antibodies through data interpretation, identification of novel or alternate procedures and antigen retrieval techniques.
- Expertise in immuno-oncology biomarkers and the tumor microenvironment is highly desired.
- Performing multiplex IF staining up to 4-7 colors using human and mouse tumor tissues to understand spatial interactions within the tumor microenvironment.
- Organizing and analyzing results, communicating and presenting findings in team and company meetings, and contributing to scientific publications.
- Ability to multi-task in a fast-paced dynamic environment while delivering high quality work.

### **Requirements**

- Masters or PhD in Immunology, Cancer Biology, Cell Biology, or a related field, with a minimum 4 years of **relevant** experience in an industrial or academic lab setting.
- Experience in routine histology work, including tissue processing, embedding, and sectioning.
- Experience in staining methods, such as H&E, Immunohistochemistry, Immunofluorescence, and In Situ Hybridization.
- Experience in dual color and multiplex Immunofluorescence is highly desirable.
- Experience in using and maintaining different histology and imaging equipment including the microtome, light and fluorescent microscopes, autostainer, High-throughput slide scanner and Vectra from Perkin Elmer are highly desirable.
- Experience in using imaging software to analyze and quantify images, such as HALO or inForm softwares.

- Ability to organize and maintain data and tissue collection inventory.
- Strong interpersonal skills and proven ability to collaborate in a team setting.

Pionyr Immunotherapeutics Inc. offers competitive salaries, participation in company stock-incentive plans and benefits packages, in addition to a dynamic academic-driven science environment.