

## **Oxford Biotherapeutics**

**Job Title: Associate Scientist – Cell Biology**

**Location: San Jose, United states**

### **Summary:**

Oxford Biotherapeutics is seeking an experienced, creative and motivated scientist to contribute to our company's Cell biology / Target validation group. Work independently, and in a matrix, to lead the development of antigen antibodies against novel targets discovered by Oxford Biotherapeutics, headquartered in the UK. The successful candidate will be involved in multiple aspects of the production of recombinant proteins, monoclonal antibodies, multi-specific scaffolds, and novel protein modalities to enable all aspects of Early Discovery and Validation Research.

### **Responsibilities:**

- Serve as a key contributor to the discovery and development of antibody therapeutics for oncology and immune oncology.
- Conceive, develop, and execute in vitro assays (biochemical and cellular assays) to support novel target validation efforts
- Design and implement novel target validation and oversee the execution.
- Lead a sub-group of associate(s) to execute protein production and antibody discovery/optimization platform
- Develop strategies to express, purify and analyze proteins for novel tumor targets expressed in mammalian cells and develop new methods and evaluate emerging technologies.
- Perform primary high throughput screening and secondary hit profiling assays, focused on, antibody, or functional genomic based screens.
- Manage multiple projects simultaneously, working cross-functionally in a highly collaborative team environment!
- Communicate experimental data and conclusions clearly and effectively to the project team
- Maintain a cutting-edge awareness of technical developments and scientific knowledge and apply these where possible to improve performance.
- Analyze data, interpret results, identify problems, and develop trouble shooting plans

### **Requirements:**

- PhD in cell biology or related field
- Strong expertise in developing target specific cell assay readouts is required (experience with Biologics flow schemes and screening is a plus)
- Experience with cell and molecular biology assay technologies, automation methods and visualization of differential gene expression (lentiviral transduction, shRNA, RNAi, FACS, ELISA, Western blotting, HPLC, qRT-PCR, RNA-seq) is desired

- Familiarity with genome scale gene perturbation methods (genome scale RNAi screens and CRISP-Cas9 methods) desired
- Specific experience with the development of biochemical or cell-based assays for small molecule or antibody profiling. Experience with a variety of assay technologies is highly desirable.
- Strong tissue culture experience would be a plus: transient/stable cell transfection, primary cells and transformed human cell lines.
- Excellent computer and data analysis skills
- Must be detail oriented, well organized, and have strong communication skills
- Ability to manage several projects at any given time, work successfully in a cross-functional team environment and communicate clearly both verbally and in writing to a variety of audiences.
- Experience managing external collaborations and contract research organizations desired
- Experience in small molecule drug discovery and pharmacology are a plus
- Exceptional interpersonal and management skills that foster collaboration, teamwork, scientific excellence and rigorous innovation

Oxford Bio is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, or disability status, or any other characteristic protected by law.