



[www.OxfordBioTherapeutics.com](http://www.OxfordBioTherapeutics.com)

<b>Job Title:</b>	<b>Senior Research Associate (Full-Time)</b>
<b>Location:</b>	<b>San Jose</b>
<b>Pay Range:</b>	<b>\$85,000-\$105,000 per year (Depending On Experience)</b>

**About Oxford Biotherapeutics:**

Oxford Biotherapeutics is a clinical-stage biotechnology company for the development of antibody therapeutics for the treatment of cancer. You will play an integral role in the pre-clinical development of novel immuno-oncology therapeutics. Our OGAP® platform is the world's largest, cancer specific, membrane protein library, directly measuring plasma membrane protein expression in patient tumors. OGAP is used to identify novel, highly tumor specific antigens for novel first-in-class ADC, Bispecific T-cell Engager (BITE®) and Chimeric Antigen Receptor (CAR) targets. Our lead asset, OBT076, is an Antibody Drug Conjugate (ADC) in Phase 1b clinical development. Our clinical and pre-clinical pipeline of novel biologics is balanced between internal programs, focused on ADCs and checkpoint regulators, and externally partnered programs with key innovators in oncology such as Boehringer Ingelheim, Immunogen and Genmab.

**Purpose of the Role**

The successful candidate will be an integral member of the immune-oncology discovery group and will be responsible for the development and execution of in vitro assays using both primary immune cells, cancer cell lines from humans, mice and aid in the characterization and validation of novel therapeutics, and help bring our early discovery, pre-clinical programs to the next level.

**Roles and Responsibilities:**

- Work with monoclonal antibodies, bispecific antibodies, CAR-T Cells, and Tumor-infiltrating lymphocytes (TILs)
- Apply her/his skills in flow cytometry and immunology to evaluate the in vitro and ex vivo activity of the antibodies.
- They will be required to plan and execute experiments and collate, document, interpret, and present data internally.
- They will author, review, and edit Standard Operating Procedures (SOPs), experimental protocols, reports, and other documentation as needed.
- Isolate PBMC's from human blood.
- Purify B, T, NK, Monocytes immune cells by the immunomagnetic selection, and maintain primary cell cultures.
- Maintain cultures of multiple cancer cell lines to support experimental efforts.
- Performs immunological assays, including ELISA, ELISPOT, flow cytometry, and multiplex bead-based assays.

- Develop and execute T cell assays (functional, cytotoxicity, co-culture, proliferation, MLR).
- Evaluate the efficacy, toxicity, and mechanism of action of different combination therapies in vitro and in vivo.
- Execute basic biochemical assays (e.g. Western blot, qPCR).
- Perform data analysis of experiments using FlowJo, GraphPad Prism, Excel, and other statistical tools.
- Communicate research work orally and in writing, present data in the group meeting.
- Accurately document experimental activities in electronic laboratory notebooks.
- Actively contribute to research ideas, troubleshoot, and devise alternative strategies when necessary.
- Generate high-quality data in a fast-paced environment.

Please note the roles and responsibilities for the position include but are not limited to the above.

**Knowledge, Experience, and Skills:**

- B.S. or M.S. in biology, cell biology, immunology, biomedical sciences, or a related field.
- B.S. with 3 - 5 or M.S. with 2 -3 years of relevant industry experience required.
- Experience in BSL 2 environment required.
- Experience with multi-color flow cytometry (6+ colors), ELISA, and/or other methods of cytokine/analyte analysis required.
- A strong understanding of immunology, cancer/cell biology is desirable.
- Experience working with immune assays and flow cytometry is highly desired.
- Experience with cell-based assays, working with primary cells, tumor cell lines, and functional analyses is required.
- Experience with isolation and manipulation of human blood components and functional assay setup is required.
- Drug screening in multi-well and high throughout formats is a plus.
- Experience in cell line construction and selection, transfection, and transduction is a strong plus.
- Experience in the development of a complex 3D tumor model or ex vivo tumor culture is a plus.
- Proficiency with basic computer programs routinely used in a lab such as MS Word, Excel, and PowerPoint, GraphPad Prism, ImageJ, and FlowJo.
- We are looking for a detailed-oriented individual.
- Experience of working successfully independently and proactively with minimal supervision.
- Ability to work in a fast paced, innovative environment.
- Highly organized, meticulous attention to details, and self-motivated to independently manage time effectively and prioritize daily tasks.
- Ability to work well in a highly collaborative, cross-functional, team-oriented environment.

### **Behaviors**

- Team player
- A positive attitude
- Enthusiasm
- Self-motivated
- A flexible and agile approach
- Readiness to learn new methods

One of our top priorities is to maintain the health and wellbeing of our employees and their families. To achieve this goal, we offer comprehensive benefits.

### **Benefits Offered:**

- Medical, dental and vision insurance
- The full premium amount for our employees and their dependents is covered by IGM
- FSA (Flexible Spending Account)
- STD, LTD, Basic Life, Supplemental Life and AD&D Insurance
- 401(k) Plan
- Up to 120 hours of Paid Time Off in your first year (increasing with tenure)
- 5 sick days per year
- 11 paid holidays
- Employee Referral Bonus Program
- Annual training budget for professional development
- Annual bonus program
- New hire stock options
- Team building events and activities.

### **Equal Opportunities Statement**

OBT is an equal opportunity employer and prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity or expression, national origin or ancestry, age, disability, marital status, and veteran status. All qualified applicants will receive consideration for employment.

### **Job Link**

If you are interested in being involved in some exciting, innovative science, please click on the link below.

[BambooHR: Senior Research Associate](#)