



Senior Research Associate

SUMMARY

Bolt Biotherapeutics has an exciting opportunity for a highly motivated Senior Research Associate. Bolt is based in the San Francisco Bay Area and is a private biotechnology company developing Boltbody™ Immune-stimulating Antibody Conjugates (ISAC), a new therapeutic class of cancer therapeutics. Strong candidates will be creative, collaborative, and passionate about drug discovery. Experience in tumor immunology, myeloid cell biology as well as tissue culture expertise with primary human immune cell isolation and flow cytometry methods are highly desirable.

RESPONSIBILITIES

- Perform human primary cell isolations from whole blood and tissue samples (e.g. PBMCs, monocytes, dendritic cells) as well as subsequent processing and cryopreservation.
- Assist with and perform functional *in vitro* assays using techniques including flow cytometry and ELISA assays to generate data essential for in vitro pharmacology team.
- Perform *in vitro* cell culture, cell culture scale up, cryopreservation of cells and the maintenance of cryopreserved cells.
- Work in a team-oriented environment to support the discovery and assessment of novel immunotherapeutics.
- Perform other related duties as needed.

JOB REQUIREMENTS

- Technical expertise in cell culture and experience working with primary immune cells and isolations from whole blood and tissue (e.g. working with StemCell RosetteSep and EasySep kits).
- Proficiency in molecular and cellular techniques, specifically multi-color flow cytometry, cytokine bead arrays, and ELISA-based immunoassays.
- Proficiency in statistical software (Graphpad Prism) and FlowJo.
- Excellent oral and written communication skills with the ability to work independently and collaboratively in a fast-paced research environment.
- Minimum of BS/MS in Immunology, Molecular and Cellular Biology, or related field.
- 5-8 years of experience in Biotech or in an academic research lab with a proven track record of success.

WORKING CONDITIONS/PHYSICAL DEMANDS

This is a research position that requires working in a laboratory environment with hazardous chemicals. Protective clothing, gloves and safety glasses are required while working in the lab. This position requires the ability to lift containers or instruments (up to 25 pounds) and work standing at a fume hood or lab bench for extended periods.

TRAVEL REQUIREMENTS

Limited travel may be required, including domestic and international (1 - 5%)