

SCIENTIST/SENIOR SCIENTIST IN VIVO PHARMACOLOGY

Bolt Biotherapeutics has an exciting opportunity for a highly motivated immunologist or pharmacologist to implement Bolt's unique, cutting edge science and strategy across multiple programs.

KEY RESPONSIBILITIES

The successful candidate will plan, implement and analyze in vivo immuno-oncology studies to define the mechanism of action of novel agents and progress programs to IND and into the clinic. This position will report to the Head of In Vivo Pharmacology.

JOB DUTIES

- Design and execute xenograft and syngeneic tumor studies and complementary in vitro assays to assess the efficacy and mechanisms of action of novel ISACs and other immune-stimulating clinical candidates.
- Serve on internal project teams and provide scientific expertise. Serve as a project leader when appropriate.
- Effectively communicate strategy, methodology, progress, and challenges to stakeholders and partners, including senior executives.
- Support the In Vivo Pharmacology group consisting of both Ph.D and non-Ph.D. scientists.
- Follow standards for scientific rigor and excellence and help build a culture of innovation that is fully aligned with therapeutic objectives of Bolt Biotherapeutics.

JOB REQUIREMENTS

- Ph.D. in pharmacology, immunology, cancer biology or similar with > 3 years of drug development in an industry setting.
- A strong background in immunology, tumor immunology, and/or myeloid cell biology is greatly preferred.

KEY RESEARCH SKILLS, TECHNIQUES, EXPERIENCE

- Expertise in murine and human tumor models, including design and execution of xenograft and/or syngeneic mouse tumor studies, rodent handling, tumor measurements, drug administration, tissue processing, and primary cell isolation.
- Proficiency in analytical techniques including multicolor flow cytometry, ELISA and other immunoassays, cytotoxicity and proliferation assays, and gene expression analysis.
- Working understanding of the tumor microenvironment in xenograft and syngeneic rodent tumor models.
- Experience in the phenotypic and functional characterization of immune cell populations in tumors and other organs.
- Mammalian tissue culture techniques for cell lines and primary cells.
- An understanding of myeloid cell biology highly desirable.
- Ability to conduct research independently and project-manage distinct packages of work.
- Strong presentation and written communication skills. Strong collaborative skills.

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 (5 - 10%)



Who We Are:

Bolt Biotherapeutics, based in the San Francisco Bay Area, is a private clinical-stage biotechnology company developing Boltbody™ Immune-stimulating Antibody Conjugates (ISACs), a new class of immuno-oncology therapeutics that have eliminated tumors following systemic administration in preclinical studies while also developing immunological memory, which may lead to more durable clinical responses for patients. This is a unique opportunity to join and build, with like-minded colleagues, a company that will transform the lives of individuals with cancers.

We are an Equal Opportunity Employer offering a competitive salary and benefits package. Applicants should be legally entitled to work for any employer in the US. Note to Employment Agencies: Please do not forward any agency resumes. The company will not be responsible for any fees related to resumes that are unsolicited.

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www.boltbio.com