



700 Main Street
Cambridge, MA 02139
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SCIENTIST / SENIOR SCIENTIST – Immunology

Satellite Biosciences is pioneering the development and implementation of proprietary, off-the-shelf, implantable satellite organs as living therapeutic solutions that can transform the lives of millions of patients who suffer from serious diseases. Building on 25 years of work in award-winning labs at top academic institutions, the platform is supported by a strong IP portfolio and is backed by a top tier syndicate, led by Polaris Partners, Lightspeed Ventures, and aMoon.

We are seeking an experienced, creative, and motivated **Scientist / Senior Scientist** to join our rapidly growing team. In this role you will contribute to the company's platform technology of engineered satellite organs. Specifically, you will play a lead role on our cross-functional team characterizing and engineering the host response to our satellite implants. You will provide immunology expertise and collaborate on a multi-disciplinary team including tissue engineers, cell, molecular, and synthetic biologists, and *in vivo* specialists.

This role is a unique opportunity to join an early-stage, well-funded Biotech startup. You will initially report directly to the Chief Technology Officer. This position is full-time with laboratory time being on-site at our facilities located in Cambridge, MA.

Responsibilities:

- Design and execute studies to functionally characterize host immune response.
- Design, develop, and perform *in vitro* cellular assays to assess innate and adaptive immune responses including cytotoxicity, proliferation, cytokine production, multi-parameter immunophenotyping, and NGS analyses.
- Isolate, culture, and characterize various immune cells across multiple species and animal models.
- Serve as an immunology subject matter expert in animal studies on a cross-disciplinary team.
- Plan, direct, and execute work across projects according to project timelines and goals.
- Develop protocols, work instructions, test methods, and draft and review technical reports.
- Design, direct, and execute experiments and report results to the leadership team.
- Play a lead role in regular internal project meetings and data reviews.
- Maintain a clear, detailed documentation of all experiments and findings.

Required Qualifications & Experience:

- PhD in Immunology or related discipline with deep knowledge of T-Cell Immunology, Immunotherapy, Autoimmunity, or Transplant Immunology.
- Industry experience preferred but not required for Scientist.
- 3+ yrs industry experience required for Senior Scientist.
- Expertise in adaptive and innate immune responses is required.
- Thorough knowledge and expertise in immune cell biology and assays to characterize immune cell functions.
- Proficiency in primary cell culture and cell-based assay development is required.
- Demonstrated expertise in isolating and characterizing immune cells.



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- High level of expertise in various immunology assays such as immunophenotyping, phagocytosis assays, cytokine release assays, antigen presentation assays, proliferation assays, cytotoxicity assays, and multi-color flow cytometry.
- Familiarity with immunosuppression regimens and animal models of allo- and xeno-transplantation a plus.
- Excellent communication, presentation, collaboration, time-management, and organizational skills are required.
- The successful candidate will be an ambitious self-starter, have a strong work ethic, be able to generate high quality work under tight deadlines, and enjoy working in a fast-paced team environment.

Please submit your resume (.pdf format) to HR@satellite.bio

As an equal opportunity employer, Satellite Biosciences does not discriminate on the basis of race, religion, color, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin or veteran status. We value diversity and are committed to creating an inclusive environment for team members from all backgrounds.