



700 Main Street  
Cambridge, MA 02139  
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<https://www.linkedin.com/company/satellite-bio>

## DATA SCIENTIST

**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 academic labs, the platform is supported by a strong IP portfolio and is backed by a top tier syndicate, led by Polaris Partners.

We are seeking an experienced, creative, and motivated **Data 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 work closely with individuals across our multi-disciplinary organization on R&D, preclinical, clinical, and strategy projects.

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 and be responsible for data science, computational biology, and bioinformatics. This position is full-time .

### ***Responsibilities:***

- Integrate multi-dimensional data types capturing the dynamic and spatial complexity of our implantable satellites.
- Filter, distill, and mine multi-dimensional clinical and multi-omics datasets.
- Collaborate closely with experimental colleagues to guide mechanism-driven identification and validation of specific biomarkers, targets, or product specification across various product pipelines.
- Provide conceptual input into analysis plans (approaches and design) and engage in cross-functional discussions to refine plans and identify key priorities.
- Perform computational data analysis as specified by analysis plans, visualize and provide interpretation and context to results of analysis.
- Apply machine learning frameworks to distill and stratify complex real-world clinical data.
- Identify, evaluate, and apply new methodologies and emerging technologies, and develop software tools when appropriate.
- Establish, oversee, and train employees to standardized approaches for data and statistical analyses
- Manage company data informatics systems and add new features and tools as needed
- Plan, direct, and execute tasks across projects according to project timelines and goals.
- Play a lead role in regular internal project meetings and data reviews.
- Maintain a clear, detailed documentation of all hypotheses and findings.

### ***Required Qualifications & Experience:***

- PhD in Computational Biology, Bioinformatics, Computer Science, Biostatistics or equivalent.
- Post-doc and/or industry experience in Genomics is a plus.
- Recognized excellence as evidenced by top-tier peer-reviewed publications and references.
- Strong understanding of cellular and molecular biology with extensive experience in next-generation sequencing (NGS) analysis of DNA (bulk and single-cell ChIP-seq, ATAC-seq) and RNA (bulk and single-cell RNA-seq).
- Solid background in applying machine learning, deep-learning frameworks, statistics and bioinformatics to biological problems.
- Knowledge of statistical programming techniques and languages (e.g., R, Python, Java, etc.).



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- Experience with high-performance computing clusters and cloud computing.
- Track record of staying up to date with the latest developments in the field.
- Excellent collaboration skills and ability to communicate effectively with biologists and bioengineers.
- Comfortable in a fast-paced company and able to adjust workload and responsibilities based upon changing priorities
- 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](mailto: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.