



## **Aviceda Therapeutics: *Scientist-I Immunology***

Aviceda Therapeutics is a biotech company focused on the next generation of glyco-immune therapeutics (GCT's) leveraging the Glyco-Code® technology platform to address inflammatory diseases of the innate immune system.

At Aviceda, we exploit a unique family of receptors found expressed on all innate immune cells and their associated glycobiological interactions to develop transformative medicines. Combining the power of our biology with our innovative cell-based high-throughput screening (HTS) platform and proprietary nanoparticle technology, Aviceda was able to modulate the innate immune response specifically and profoundly.

Aviceda has assembled a world-class, cross-disciplinary team of recognized scientists, clinicians, and drug developers to tackle devastating ocular & systemic degenerative, fibrotic, neurological, and immuno-inflammatory diseases.

Aviceda's offices/lab are based in Kendall Square, Cambridge, Massachusetts.

Aviceda Therapeutics is an equal opportunity employer offering competitive cash and stock compensation, excellent employee benefits and the opportunity for personal and professional growth in an outstanding and intellectually challenging environment.

### **Job Description:**

Aviceda is looking for highly motivated immunologist, with a focus on drug development. This individual will be responsible for assay development (in vitro & ex vivo models) in cell and molecular immunology. They will be responsible for execution of projects, aligning the scientific plan with the objectives of the company. We are looking for enthusiastic, innovative and scientifically driven individuals who are comfortable working in a fast paced and dynamic environment.

### **Responsibilities -**

- Independently design and execute quality research to develop immuno-assays for different target indications and using different modalities.
- Ability to adapt the work to support faced-paced research using in vitro/ex vivo/invivo studies
- Responsible for independently performing experiments in support of research project and company drug discovery goals.
- Ability to initiate, design, and execute experiments and also be able to interpret and present results.
- Encouraged to use their own scientific judgement and adapt standard methods and techniques by applying prior work experience
- Contributes to achievement of goals in the project team level as a full team player.



- Able to work under short deadlines/pressure and thrive in a highly collaborative, team-oriented environment with colleagues from diverse disciplines

**Knowledge and Skill Requirements:**

- Strong experimental skills with solid background and training in the field immunology. Ability to conduct research using the latest drug discovery technologies.
- 2-3 years of laboratory experience in immunology or related field in an academic setting, industrial experience a plus
- Excellent organizational, record keeping and time management skills, with ability to handle multiple projects.
- Expertise in primary mouse and human cell culturing, usage of multicolor flow cytometry for immune cell phenotyping.
- Effective verbal and written communication skills.
- Outstanding interpersonal skills and established collaborative working habits
- Prior experience using AAV vectors, Nanoparticles and antibody approach preferred.

**Job Requirement -**

- Ph. D in Immunology (e.g. molecular biology, cell biology, biotechnology) with at least 2 years of hands-on experience in academic or pharmaceutical/biotechnology labs.
- Hands-on experience with isolating and handling immune cells- T cells, B cells, macrophages from human PBMC and/or mouse.
- RNA/DNA isolation, qRT-PCR and cloning (plasmid construction)
- Proficiency in performing cell-based functional assays with human and mouse immune cells
- Protein analysis (e.g. ELISA, Immunoprecipitation, SDS-PAGE and Western blotting).
- Mammalian cell culture, cell transfection and sterile technique.
- Experience and knowledge in AAV vectors, Nanoparticles or other modalities for drug development.
- Occasional evenings and weekends may be required.

**Education:**

- Ph. D in Immunology or related field. Minimum 2 years' experience in an academic or biopharmaceutical settings.

**Work authorization:** work authorization in US is required.



If you are interested in learning more about this position, please send your CV or Resume to [careers@avicedarx.com](mailto:careers@avicedarx.com)