Aviceda Therapeutics: *Scientist level 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 greater Boston area, 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:

We are seeking highly experienced scientist to be a part of our exciting growing research team. This person will help advance our drug development platform with experience in both in- vivo and in-vitro based assays that supports early development of novel glyco-therapeutics in different disease areas.

Responsibilities:(including, but not limited to):

- Experience in developing in-vivo animal models and using different modalities for treating any fibrosis, immuno-oncology, neurology, and immune-mediated disease.
- Candidate must have expertise in using multi-parameter flow cytometry, developing in-vitro and in-vivo assays to investigate immune function.
- Should possess an in-depth knowledge of technologies / experiments commonly used to assess immune endpoints.
- 3+ years of experience in working in academic or industry setting for the development and implementation of nanoparticle/small molecules/antibodies in animal models for any disease indication.

- Ability to effectively manage and coordinate research and scientific strategy across multiple scientific programs.
- Flexibility to accommodate to rapidly changing priorities and deadlines and ability work in a dynamic, fast-paced industry and work environment

Requirements:

- Ph.D. in Immunology/Cell biology or related field with minimum 2+ years of postdoctoral experience or industry experience preferred.
- Proficiency in immunological assays to assess macrophages, monocytes, T-cell or innate immune cell phenotype and function in vitro and/or in animal models of inflammation is required
- In-depth knowledge and hands-on expertise in target discovery and validation, both in-vivo and in-vitro.
- Experience in the development of animal models, optimization and standardization of protocols following compliance guidelines, and collection and analysis of large data sets.
- Cell and molecular assays, including multi-color flow cytometry, cytotoxicity, and cytokine release for both invitro and in vivo samples.
- Experience with advanced microscopy techniques, including IHC, FISH, confocal microscopy and in vivo imaging.
- Possess excellent written and communication skills, ability to communicate effectively both internally (project meetings) and externally (conferences) representing programs and project teams with accuracy and objectivity.
- Works in close collaboration within the research team to ensure successful completion of projects.

Education:

- Ph.D. in Immunology/Neuroscience/Cell biology/ Biochemistry or related field with minimum 2 + year relevant post-doctoral and/or industry experience in Immunology, cell and molecular biology, pharmacology, biological engineering, or related field.

Job Location: Cambridge, MA. **Job Type:** Full-time.

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