



## **Aviceda Therapeutics: Senior/Sr. Scientist- Bioanalytical Development**

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 high-affinity ligands of siglecs (HALOS)™ 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:**

The Bioanalytical scientist will play a key role in developing processes and methodology to detect and quantify Aviceda's nanoparticle based Glyco-therapeutics in complex matrices. The successful candidate will also play a key role in developing an understanding of the PK and ADME properties of our Glyco-Therapeutics.

The successful candidate will develop fit-for-purpose bioanalytical methods on various platforms to help Aviceda to answer key questions related to mechanism of action, biotransformation, PK/PD, biodistribution, and matrix stability of our nanoparticle based Glyco-Therapeutics.

As part of the Research team, the candidate will design PK bioanalytical formats and interpret study results to help assess in-vivo PK/PD for Glyco-Therapeutic candidates.

### **Responsibilities (including, but not limited to):**

- Hands on experience with broad range of Analytical Platform technologies to support Bioanalytical analysis
- Experience in the application of a wide variety of analytical methodologies (LC-MS, immunoassay/HPLC) to quantify and characterize drug disposition in systemic circulation and tissues.



- Develop overall strategy for non-clinical DMPK processes in support of both discovery and development
- Be an active participant in project teams as well as collaborating with discovery, CMC and clinical development partners to identify and solve issues related to drug safety
- Communicates the DMPK development strategy within the company while seeking guidance and input from internal stakeholders
- Experience in Pharmacokinetic analysis and modeling is a strong plus.
- 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:**

- Experience with bioanalysis of carbohydrates and glycans would be a plus
- Hands-on experience with in vivo rodent PK studies analysis would be a plus
- Knowledge of basic PK principles and ability to perform PK calculations with WinNonLin is a plus.
- Works in close collaboration within the research team to ensure successful completion of projects.

**Education:**

- Ph.D. in Chemistry/Immunology/Cell biology/ Biochemistry or related field with minimum of 2+ years of relevant industry experience in bioanalytical group is a must.

**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](mailto:careers@avicedarx.com)**