



Aviceda Therapeutics: *Scientist/Senior Scientist- Formulation*

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, 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 a highly experienced Scientist/Senior formulation scientist to be a part of our rapidly growing talented research and development teams. This person will help advance our drug development platform with a strong background in nanoparticle drug delivery systems.

Responsibilities:(including, but not limited to):

- Responsible for conceiving and delivering nanoparticle formulations to support early discovery and preclinical studies.
- Conduct experiments, independently and in collaboration with colleagues in support of project goals.
- Characterize polymers and nanoparticles using advanced analytical and characterization techniques (HPLC, NTA, nCS1, NMR, DSC, etc.).
- Develop cutting-edge conjugation chemistries to further advance Aviceda's proprietary glyco-immunology platform.
- Collaborate and integrate with chemistry/biology workflow to develop and screen nanoparticles with desired properties.
- Develop/sustain relationships with CROs to conduct animal studies and be the point person for material supply.
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- Additional responsibilities include formulation/analytical support for CMC activities such as drug product manufacturing, evaluating batch records and regulatory filings.
- Maintain general laboratory functionality, including lab equipment maintenance and lab supplies.
- Drive Aviceda's innovation with novel ideas and detailed documentation.

Requirements:

- Minimum of M.S. or Ph.D. with 0 to 3 years of related experience in the biotech industry. Degree in Pharmaceutical sciences, Materials Science, Polymer Chemistry, Chemical Engineering, Chemistry, or a related field.
- Background in nanoparticle formulation development strongly desired. Specific background in polymeric nanoparticles is a strong plus.
- Hands-on experience in development of processes such as micro- fluidization, evaporation, TFF and sterile filtration.
- Prior experience on HPLC method development will be plus.
- Strong communication, organizational and interpersonal skills are necessary for this role
- Demonstrated record of working successfully with cross-functional teams including early research and development and CMC teams.
- Ability to work in a fast-paced environment with a sense of urgency and handle multiple roles.
- Work in close collaboration within the research team to ensure successful completion of projects. Ability to plan and manage complex activities and prioritize tasks to deliver on.

Education:

- M.S./Ph.D. in Pharmaceutical sciences, Materials Science, Polymer Chemistry, Chemical Engineering, Chemistry, or a related field.

Job Location: Boston, 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