



Senior Scientist, Formulation

Location: Cambridge, MA

Vaxess Technologies is developing novel vaccines and therapeutics based on its proprietary silk platform. We are committed to enabling better, more stable products that can be easily delivered and administered throughout the world.

Research & development at Vaxess is cross-disciplinary, integrating chemistry, biology, immunology, pharmaceuticals, biomedical and chemical engineering to solve important unmet medical needs for vaccines and therapeutics. We are seeking a talented, collaborative, and highly motivated individual with expertise in vaccine/biologic formulation development to join our core team of scientists. As our company grows, leadership, including mentoring of junior scientists, will be central to this role. This is a unique opportunity to be part of an emerging startup bringing innovative technology to the global vaccine market.

Responsibilities

- Provide technical leadership in vaccine/biologic formulation development
- Develop stable formulations for both traditional (liquid, lyo) and novel (film, microneedle) formats
- Design and implement vaccine/biologics formulation optimization and stability studies
- Develop analytical methods for silk protein and vaccine/biologic product characterization
- Effectively communicate research results through technical reports and presentations
- Support external collaborations with pharmaceutical partners, government/non-profit, and contract organizations
- Author scientific publications, contribute to intellectual property filings

Qualifications

- PhD in Chemistry, Biochemistry, Chemical Engineering, Pharmaceutical Sciences, or related discipline with at least 2 years of industrial formulation development experience
- In-depth understanding of protein chemistry, degradation pathways, and formulation principles
- Strong background in analytical, biochemical, and biophysical characterization techniques
- Expertise in pharmaceutical drying processes (lyophilization, spray-drying, etc.)
- Experience with formulation of biomaterials or polymers for drug delivery is preferred
- Excellent verbal and written communication skills
- Demonstrated abilities to learn new skills and fields, solve challenging scientific and technical problems, think independently, and work collaboratively in teams

Vaxess, a venture-funded life sciences company, is building a team of exceptional people to rapidly advance our internal R&D and external scientific collaborations. We work closely as a team and thrive in a dynamic, exciting, and engaging work environment. If you're interested in joining the Vaxess team, submit your CV/resume to careers@vaxess.com.