



Senior Scientist, Analytical Method Development

Location: Boston, MA

Vaxess is a Gates Foundation and venture-funded company developing a pipeline of next-generation therapies on the MIMIX platform. With only five minutes of wear-time on the skin, the MIMIX patch enables two weeks of sustained delivery of a range of therapies. The platform combines high temperature stability with simplified application to dramatically alter the way that drugs are delivered. Vaxess is committed to enabling products that are not only more effective, but also more accessible to patients around the world.

Research & development at Vaxess is cross-disciplinary, integrating chemistry, biology, immunology, mechanical, biomedical, and chemical engineering to address important unmet medical needs. We are seeking a talented, collaborative, and highly motivated individual with a background in analytical method development for biologics to join our core team of scientists and engineers. This is a unique opportunity to be part of an emerging startup bringing innovative technology to the global vaccine and therapeutic market.

Responsibilities

- Develop and implement analytical methods to quantitate loading and characterize sustained release of various drugs (proteins/peptides/viruses/nucleic acids/small molecules) from the MIMIX patch
- Optimize and qualify characterization methods for release and stability testing of silk fibroin protein
- Establish and manage external (CRO) analytical resources; oversee tech transfer of methods where appropriate
- Collaborate closely with other scientists and engineers to support formulation/process development activities and in vivo studies; effectively communicate research results through technical presentations and reports
- Set phase-appropriate product specifications with support from project leads
- Support regulatory documentation, author scientific publications, and contribute to intellectual property filings

Qualifications

- PhD in Chemistry, Biochemistry, Pharmaceutical Sciences, or related discipline, with at least 3-5 years of industry experience in analytical method development, or BS/MS with at least 6 years of industry experience.
- Strong technical background and in-depth knowledge of liquid chromatography required
- Experience with protein characterization techniques and bioanalytical sample preparation required
- Experience with biomaterial or polymer-based systems for sustained drug delivery preferred
- Knowledge of GxP requirements and experience with method validation, quality systems preferred
- Demonstrated abilities to learn new skills and fields, solve challenging technical problems, think independently, and work collaboratively in diverse multidisciplinary teams
- Entrepreneurial spirit and drive to positively impact global human health

Vaxess is building a team of exceptional people to rapidly advance product development. 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, please submit your CV/resume to careers@vaxess.com.