



## Engineering Research Associate Position

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 wet lab fabrication and analytical techniques and an interest in preclinical animal evaluation 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

- Design controlled release and forced degradation experiments for specific drug targets. Evaluate drug potency and release from the MIMIX patch, both in vitro and in vivo
- Design animal studies to measure MIMIX device functions including drug payload delivery and mechanical deployment
- Support pivotal studies by way of fabricating, packaging, and quality control assessment of MIMIX test articles
- Author novel testing procedures, contribute to scientific publications, intellectual property filings and regulatory documentation
- Collaborate closely with other engineers and scientists to support product development activities
- Effectively communicate work results through oral presentations and written reports

### Qualifications

- BS in biomedical engineering, bioengineering, biology, chemical engineering, materials science, or related discipline
- At least 2 years of direct experience in medical device or drug product development is preferred
- Expertise in materials fabrication and wet lab analytical techniques such as HPLC, ELISA, or other titer assays
- Experience implementing and/or refining serological assays from animal studies
- 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](mailto:careers@vaxess.com).*