Senior Research Associate, Bioassays  
Location: Cambridge, MA

Vaxess Technologies is developing next generation vaccines and therapies based on its proprietary MIMIX™ Microneedle Array Patch technology. MIMIX™ enables self-administration of vaccines and therapeutics to the skin with potential for improved shelf-stability, tolerability, and efficacy. We are committed to enabling products that are accessible to patients around the world.

Research & development at Vaxess is cross-disciplinary, integrating biology, chemistry, immunology, materials science, and engineering to address important unmet medical needs in vaccines and therapeutics. We are seeking a talented, collaborative, and highly motivated individual with expertise in bioassays to join our core team of scientists and engineers. This is a unique opportunity to be part of a thriving clinical-stage biotech company bringing innovative technology to the global market.

Responsibilities

- Perform assays to characterize vaccine antigens and therapeutics and assess their biological functions.
- Perform routine tissue culture, maintaining cell lines needed in the bioassays and other cell biology characterization work.
- Support method development and qualification of bioassays.
- Contribute to experimental planning; analyze data, communicate results, and present work in team meetings.
- Collaborate closely with scientists and engineers to advance novel vaccine and therapeutic candidates from research through Phase I/II clinical trials.
- Monitor, acquire and maintain cell culture media, assay reagents, materials & consumables for the team.
- Maintain accurate and timely laboratory records and electronic lab notebook entries.

Qualifications

- Bachelor’s degree in one of the Biological Life Sciences with at least 3 years of biopharmaceutical industry experience OR Master’s degree in those fields with 1+ years of industry experience.
- Hands-on experience with cell-based assays, immunoassays, tissue culture methods and other biologic characterization techniques, including ELISAs, SDS-PAGE / Western Blotting, Transfection, PCR, Flow Cytometry and Spectroscopy.
- Experience working with mRNA and lipid or polymer delivery systems is highly desirable.
- Experience working in a GxP environment is a plus.
- Strong organizational skills and attention to detail.
- Ability to work independently and collaboratively as part of an interdisciplinary team.
- Excellent verbal and written communication skills

Vaxess, a venture-backed clinical-stage life sciences company, is building a team of exceptional people to rapidly advance products on the MIMIX™ platform. 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.