

Membrane Research Lab Technician

About Applied Biomimetic (AB)

Applied Biomimetic Inc. (www.appliedbiomimetic.com)

Applied Biomimetic is an international biomimetic engineering group that builds upon a simple but powerful concept: Nature's ability to separate chemical elements at the molecular level using highly specialized proteins as tools such as the selective aquaporin water channel that brought the 2003 Nobel Prize in Chemistry to its discoverer.

AB has developed a concept where they maintain the superior water transport capabilities of the aquaporin water channel while embedding it into a robust polymer structure thus allowing the company to make membranes applicable for industrial purposes.

AB is focusing on the development of a wide range of applications for its patented technology. The aim is to provide disruptive solutions for the water treatment, health, food, and other industries enabling these industries to enhance their products, reduce costs, and save energy. The membranes are designed to withstand changing and sometimes harsh environment in various industrial applications.

Main tasks and responsibilities:

- Understanding comprehensive R&D plans and being responsible for the implementation of such project plans, including tasks, deliverables, milestones, and timelines
- Preparation of necessary raw materials in laboratory processes e.g. buffers, solvents, media, etc.
- Perform measurements: Membrane flux, rejection, etc.
- Data entry, documentation and reporting of technical progress and results
- Project deliverables accountability, status updates and other relevant communication to the manager.
- Focus on details and efficiency in the laboratory, while exercising good laboratory practice.
- Participate in the general upkeep and maintenance of the laboratory facilities and equipment
- Be responsible for maintaining inventory of the chemicals and membranes

The qualified candidate must have:

- High school diploma or equivalent with a few years' experience in a similar role or 2-year degree in laboratory work/analysis
- Good communication
- Ability to thrive in a fast-paced environment, work short cycle times and flexible hours if required, and deliver results under pressure
- Ability to work independently and maintain a high level of quality in work
- US work permit

In addition to a challenging and interesting work environment and the opportunity to work on ground-breaking technology we are offering an attractive compensation and benefit package incl. health, dental and 401k etc.

Please forward your resume to: resumes@appliedbiomimetic.com