

## **Job Description: Director of Manufacturing**

### **About Applied Biomimetic Inc. (AB)**

[www.appliedbiomimetic.com](http://www.appliedbiomimetic.com)

Applied Biomimetic (AB) founded in 2006 is a membrane manufacturing company dedicated to developing technology derived from the convergence of polymer and protein membrane science. The company is a leader in primary research in membrane proteins, and an innovator in polymeric casting chemistry and production methods. The company has developed a truly revolutionary approach to membrane filtration for the water, life science, enzyme, food, and dairy industries. Among others addressing one of the world's most scarce resource: Clean water.

AB is privately held, which allows the company the time and resources needed to develop and market its proprietary technology-based membranes.

The primary AB operations are conducted in the United States, and its products have been sold since 2017 to some of the largest food, dairy and enzyme producers in the world. To meet demand for its products, AB has recently moved to new facilities in Gaithersburg, Maryland to ramp up large-scale commercial manufacturing.

The company currently employs about 20 people and expects to double the number of employees over the next twelve months.

Hence it is time to expand the AB management team with a strong, progressive and qualified Manufacturing Director to lead and develop the manufacturing operations of AB on this exciting journey.

### **Work Location**

Gaithersburg, Maryland.

### **Role & Responsibilities**

Through this recruitment the management of AB will be extended with a Manufacturing Director with strong Operations Management competences who will take responsibility for and lead the daily production, continuously increase production capacity in line with the requested production output and develop and optimize the technology and the various manufacturing processes to secure maximum output in the requested quality and at the lowest cost. Supply chain, quality and health and safety will also be part of the responsibility.

The Manufacturing Director must use his/her vast Operations Management experience in a new context combined with an entrepreneurial approach and mindset in order to bring AB from its current early stage to a large-scale mature manufacturing company.

This position hierarchically reports to the CEO of AB.

## **Background of the candidate**

8 to 10 years of experience in Operations Management (Manufacturing and all or part of supply chain, quality, HSE, IT) preferably from process, chemical or mechanical industry.

Engineering degree in operations management, chemistry, mechanics or science.

Permanent US work permit and fluency in English is a prerequisite.

## **Experience and competencies**

The candidate must have essential expertise in:

- Manufacturing Management
- People management and leadership
- Operational, tactical and preferably strategic management
- Design, development, optimization of production layout/production lines
- Process, chemical or mechanical industry
- Supply Chain management and sourcing
- Quality management and Quality Systems Management

Additional preferred expertise in:

- Early stage companies
- Food, beverage or life science industry
- IT/ERP implementation and management
- Engineering support

Other preferred Skills and Experience:

- Excellent problem solving and analytical skills.
- Exceptional IT skills.
- A hands-on approach to problem solving
- A natural curiosity and interest in new technology and ground-breaking scientific developments

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 including health, dental and 401k etc.

Alexander Hughes Executive Search is assisting with search and selection. Please direct any questions or forward resumes to: [e.tolstoj@alexanderhughes.com](mailto:e.tolstoj@alexanderhughes.com).