

bioMASON
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bioMASON®, Inc.
May 2018

Job: Fermentation Scientist
Location: Research Triangle Park, NC
Start Date: Effective Immediately, Full Time - Exempt

bioMASON® is a unique biotechnology start-up manufacturing company with a natural process that will revolutionize the building and construction industry. bioMASON® employs microorganisms and chemical processes to manufacture biological cement-based masonry building materials in ambient temperatures.

bioMASON® is dedicated to finding talented, multi-faceted, hard-working, and passionate people to join our innovative team. We are a young start-up seeking to make a massive impact on carbon emissions. bioMASON® believes in a fast-paced, creative working environment that fosters collaboration and innovation unhindered by traditional boundaries.

The company appeals to self-directed, flexible teammates who embrace ambiguity, learn quickly, possess interpersonal skills, and seek to test ideas through rapid iteration. An insatiable curiosity about biocement™, design sensibilities, and customer empathy is required. The work often requires more than 40 hours per week, including occasional nights and weekends.

The Fermentation Scientist is responsible for the continued development, optimization, and scale-up of production fermentation of bioMASON® microbiological products. This position reports to the Director of Laboratories.

Minimum Qualifications:

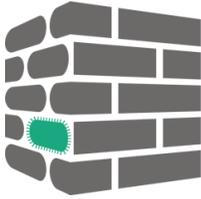
- Bachelor's degree in microbiology and/or related field; Master's degree preferred.
- Minimum 5 years' industry experience.

Responsibilities, Tasks, and Outcomes:

- Continued development of industrial-scale fermentation standard processes.
- Fermentation optimization, GMP and SOP development.
- Media formulation and compositional analysis.
- Hands-on operation of bioreactors, large-scale fermenters, and related process equipment.
- Leadership and management of technicians, as needed.
- Project management for associated experiments, projects, and milestones.
- Implementation of QC, QA, and Process Analytics protocols.
- Coordination with relevant partners and services.
- Coordination with the Technical Development Team on commercialization strategies.
- Perform other company-related duties and responsibilities designated at the discretion of the supervisor

Required Skills and Interests:

- Large-scale (>100 L) fermentation, formulation, and optimization techniques.
- Familiarity with bioreactors / fermenters, microplate readers, coulter counters, cell enumeration techniques, and colorimetric / fluorescent assays.



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- Data collection, organization, and statistical analysis.
- Independent troubleshooting and experimentation.
- Ability to learn quickly in a fast-paced environment.
- Technical aptitude for bespoke experimental setups.
- Ability to interface with external laboratories and commercial partners.
- Willingness to travel occasionally, up to 10%.

The Candidate Must Be:

- Organized, and possess excellent attention to detail.
- Creative, flexible, proactive, punctual, and persistent.
- A team player.
- Able to Self-Manage.
- Comfortable with a demanding fast-paced work environment

bioMASON Employees Must Possess:

- Professionalism
- Integrity and Honesty
- Passion and Motivation
- Analytical Skills
- Intelligence and Aptitude
- Productivity

Must have reliable transportation to the RTP/ Raleigh area.

Please send your resume and **fully completed application** to jobs@biomason.com with the heading "Fermentation Scientist".

The bioMASON Career application may be found on bioMASON's website, under the "Career" tab http://biomason.com/wp-content/uploads/2015/12/bioMASON_Application-1.pdf

bioMASON®, Inc. takes affirmative actions as an equal opportunity employer to attract, promote, and retain the most fully qualified candidates without regard to race, creed, religion, color, citizenship status, national origin, sex, age, sexual orientation, predisposing genetic characteristics, genetic information, marital status, status as a domestic violence victim, arrest record, disability, military status, disabled veteran, recently separated veteran, Armed Forces Service Medal veteran, other protected veteran or other characteristic as protected by law.

EOE M/F/D/V