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Fermentation Microbiologist I

Required Education: Bachelor's degree in Bacteriology, Microbiology, Molecular Biology, or other related field.

Required Experience: 1-3 years

Base Pay: N/A

Required Travel: Negligible

Location: US-WI-Franklin

Employee Type: Full-Time

Manages Others: No

Reports To: Director of Process Operations

Industry: Microbiology, Biotechnology

Company Description

Microbial Discovery Group is an R&D driven microbial cultivation and fermentation company. MDG provides bioaugmentation products and solutions for a multitude of industries. MDG excels in new product innovation, customer focused manufacturing and technical support expertise.

Job Description

The primary function or purpose of this position is to complete a wide variety of moderately complex research and experimentation procedures.



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Primary Job Responsibilities

- Maintain strain libraries and cryogenic vials, and develop ways to improve collection.
- Prepare and maintain inventory on inoculum for large scale production.
- Work with the Process Development team to evaluate different fermentation media in laboratory scale fermenters.
- Prioritize time to maintain project deadlines and customer samples analysis turnaround.
- Develop, evaluate and implement protocols and SOPs.
- Analyze and interpret testing results, suggest follow-up actions and conclusions.
- Perform routine lab and equipment maintenance, such as cleaning glassware, counter tops and equipment.
- Handle and protect confidential and sensitive data with integrity.
- Perform related work and other duties, as assigned.

Minimum Job Qualification Requirements

Education

- Bachelor's degree in science or related field or equivalent professional experience.
- Broad knowledge involving laboratory techniques or other specialized knowledge is desired.

Minimum Job Qualifications Requirements — Continued

Relevant Job Experience

- 1-3 years laboratory experience in microbiological or biochemical research field or related area.

Specialized Job/Technical Knowledge

- Know and use good laboratory practices and experimental procedures.
- Knowledge of the proper use and preparation of culture media, chemicals, and reagents.
- Knowledge of microbiology techniques, terminology, equipment and supplies.
- Requires strong analytical ability.

Non-Technical Skills and Abilities

- Champion of our cultural values.
- High attention to detail and accuracy.
- Excellent verbal and written communication skills.
- Excellent interpersonal/human relations skills.
- Ability to maintain records accurately.
- Ability to complete projects within specified timelines.
- Ability to work effectively with minimal supervision.
- Ability to operate a personal computer with capabilities to utilize Microsoft Office and Outlook.



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Minimum Job Qualifications Requirements — Continued

Physical Requirements

- Ability to lift 50 lbs. or more pounds.
- Ability to work around chemicals, including enzymes.

Safety Requirements

- Follow all company safety procedures and safety regulations.
- Wear proper safety/protective equipment, as required.

Licenses/Certifications

- None

Typical Work Environment

- This position requires working in both an office and a laboratory setting.
- Some job responsibilities require using chemicals, high-pressure laboratory systems, biological materials and toxic chemicals.



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How to Apply

- Begin the process by submitting your resume [HERE](#).
- You must also complete a Culture Index Survey [HERE](#) in order to be considered for the position. Your application will not be reviewed without the completion of the survey.

Additional Resources

For more information about MDG and the type of work required, check out the following resources:

- [MDG Facility Tour](#)
- [Under the Microscope: Director of R&D](#)

For additional information, please contact us at:

info@mdgbio.com