

**Postdoctoral Researcher – Microbiologist/Biotechnologist**  
**The Ohio State University**

We are seeking a postdoctoral researcher specializing in microbiology/biotechnology to work on various projects in the Department of Food Science and Technology. The position involves considerable interdisciplinary and collaborative activities and is located in the campus of The Ohio State University in Columbus, Ohio.

**Detailed Job Description**

The candidate will participate in industrial projects dealing with microbial fermentation for production of novel antimicrobials. The work includes fermentor setup, down-stream processing, material separation by HPLC and FPLC, and genetic analysis of producer microorganisms. The candidate will have access to our newly designed fermentation equipment and our recently established DNA sequencing facility. The candidate is expected to setup laboratory instruments; perform research experiments; coordinate and execute the collection and analysis of data; perform extensive literature reviews; write manuscripts and project reports; provide general instruction and oversight to lab personnel regarding procedures and techniques for research projects. The following is a tentative time commitment:

- 40%** Develops and executes experimental procedures to collect interpret and present data.
- 20%** Prepares research papers and manuscripts for publication and presentation at conferences and workshops, writes project reports articles and other research documents.
- 15%** Performs critical analyses of literature relevant to the research projects.
- 15%** Participates in the development of general goals for the research project and in the planning of experimental work.
- 10%** Provides general instruction and oversight to lab personnel regarding procedures and techniques for research projects.

**Minimum Education Requirement:**

Doctorate (Academic) in Microbiology, Chemical Engineering, Food Science & Technology, or equivalent.

**Experience:**

Excellent skills in writing and communication in English are required. Proven ability to translate, adapt and apply academic and/or practical knowledge to conduct microbiological and biotechnological; ability to communicate with, and participate in a team required; successful completion of a criminal background check required.

**Application Deadline:** Until position is filled

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