

## Special Issue

# Molecular Insights into Industrial Microbiology and Biotechnology

### Message from the Guest Editor

The Special Issue "*Molecular Insights into Industrial Microbiology and Biotechnology*" highlights the role of molecular biology in advancing industrial microbiology and biotechnology. We invite contributions on topics such as genetic and metabolic engineering of microbial strains, microbial cell factories for biofuels, bioplastics, biopharmaceuticals, and enzymes, as well as studies utilizing systems biology and omics technologies. Research on fermentation technologies, process scalability, and biomanufacturing strategies is welcome, particularly addressing resource efficiency, alternative carbon sources, waste reduction, and environmental impact. This Issue also explores molecular mechanisms behind stress resistance, substrate utilization, and metabolic regulation in industrial microorganisms. We welcome original research, reviews, and methodologies demonstrating molecular biology's potential to innovate sustainable biotechnology solutions.

### Guest Editor

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### Deadline for manuscript submissions

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## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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