

Special Issue

Advances in Fundamentals and Application of Microbial Industrial Biotechnology

Message from the Guest Editors

This Special Issue, supported by both *Microorganisms* and *Applied Microbiology*, is open to state-of-the-art and revolutionizing commentaries, research papers, and reviews. These are expected to highlight important and novel developments in the broad field of microbial industrial biotechnology. Importantly, contributions will not be restricted to synthetic biology and metabolic engineering of novel enzymes, pathways and microorganisms. The engineering of microbial cell factories and biotechnological processes—for a variety of applications—are also welcome. All contributions are expected to clearly contribute to the advancement of microbial industrial biotechnology for a sustainable biobased economy.

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).