

Special Issue

Advances in Microbial Surfactants: Production and Applications (2nd Edition)

Message from the Guest Editors

This Special Issue is the continuation of our 2023 Special Issue “[Advances in Microbial Surfactants: Production and Applications](#)”. Microbial surfactants are potential candidates to replace synthetics, especially due to their biological origin and production from renewable resources. In addition, the interesting properties demonstrated by biosurfactants are useful for a range of industrial applications, from environmental to pharmaceutical. Due to their great metabolic versatility, bacteria are the most traditional surfactant producers; however, filamentous fungi, yeasts, algae, and extremophile bacteria and archaea are under-exploited. In this Special Issue, we invite authors to submit original articles focusing on (but not limited to) the following research topics: characterization of surfactants synthesized by novel strains, production of biosurfactants from alternative substrates emphasizing circular bioeconomy, and biological activity and applications of microbial surfactants in the health, agriculture, food, environmental, and nanotechnology fields.

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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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