



Advances in Microbial Surfactants: Production and Applications

Guest Editor:

Prof. Dr. Marcia Nitschke

São Carlos Institute of Chemistry (IQSC), University of São Paulo, Trabalhador São-Carlense Av., 400, P.O. Box 780, São Carlos 13560-970, SP, Brazil

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Message from the Guest Editor

This Special Issue is a continuation of our 2022 Special Issue “Microbial Surfactants: Production and Applications”.

The increasing demand for a more sustainable society motivates the search for green and eco-friendly alternatives to chemical-derived compounds. 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.

In this Special Issue, you are invited to submit original articles focusing on (but not limited to) the following research topics: the characterization of surfactants synthesized by novel strains, the production of biosurfactants from alternative substrates emphasizing circular bioeconomy, and the biological activity and applications of microbial surfactants in the health, agriculture, food, environmental, and nanotechnology fields.





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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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Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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