

Special Issue

Biosurfactants: Trends and Applications

Message from the Guest Editor

Biosurfactants are surface active agents produced by microorganisms that have higher efficiency and stability, lower toxicity and higher biocompatibility and biodegradability than chemical surfactants. These molecules have a wide range of applications in environmental and industrial processes and as ingredients in antifouling formulations, foods, detergents, cosmetics and personal care products. This Special Issue will address these topics, as well as other perspectives on current research and future perspectives for microbial biosurfactant production and applications:

- Producing organisms and molecules
- Biosurfactants from extremophiles
- Anaerobes as biosurfactant producers
- Physiology and biochemistry of biosurfactant production
- Optimized cultivation strategies for reducing production costs
- Biosurfactant expression in heterologous hosts
- Industrial and environmental applications
- Applications in MEOR and petroleum industry
- Biomedical and therapeutic applications
- Biosurfactant-based antifouling materials

SI Best Paper Award (300 CHF) will be selected from this SI. Prof. Dr. Angela F. Cunha

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2018)



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About the Journal

Message from the Editor-in-Chief

We would like to introduce you to an emerging and rapidly-developing international open-access journal, *Colloids and Interfaces*, covering all aspects of colloid and interface science. This journal aims to efficiently publish peer-reviewed articles over the internet free of charge to the worldwide community. Original as well as review papers are encouraged. We will also publish Special Issues as proceedings of scientific conferences and workshops as well as those dedicated to particular contemporary themes. On behalf of our distinguished editorial board, we welcome your contributions.

Editor-in-Chief

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Author Benefits

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