



Microbial Biosurfactants

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Message from the Guest Editors

Dear Colleagues,

Surfactants (surface-active compounds) are amphipathic compounds, i.e., they have both a hydrophilic and a hydrophobic group. They preferentially accumulate at the interface (hence the name surfactant), e.g., oil–water or air–water. The non-polar part is often a hydrocarbon chain, while the polar region can be ionic (cationic or anionic), non-ionic, or amphoteric. Microbial surfactants (biosurfactants) most often are divided according to the chemical structure of the hydrophilic part, which can be, e.g., sugar or peptide. In fact, very often microorganisms produce not one chemical compounds but a mixture of biosurfactants. Hence, many studies focus on isolation, the identification of the chemical structures, and the investigation of the properties of biosurfactants.

We cordially invite you to submit research articles, review articles, and short communications related to various interdisciplinary aspects related to biosurfactants.

Prof. Dr. Marcin Łukaszewicz

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Message from the Editor-in-Chief

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