

Special Issue

Recent Advances in Biotechnological Applications of Microbial Surfactants

Message from the Guest Editors

The current state of emergency, driven by the spread of emerging and resistant pathogens, such as the coronavirus, has prompted the development of new strategies to combat viral, bacterial, fungal and/or parasitic infections. Microbial biosurfactants (BSs) play an important role in such efforts. BSs are surface-active compounds characterized by a hydrophilic head and a hydrophobic tail, with a huge range of biological activities, including antimicrobial, antiviral, anticancer and antioxidant properties, among others. They are utilized as ingredients in various pharmaceutical formulations, such as drugs, adjuvants for therapeutic and as an alternative to common disinfectants. This Special Issue aims to collect original and review contributions that delve into the latest results on the benefits and applications of biosurfactants in different fields. We look forward to receiving your contributions.

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