



## Biosurfactants as Multifunctional Ingredients for Emerging Pharmaceutical Formulations

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### Message from the Guest Editors

Biosurfactants (BS) are surface-active compounds produced by microbial metabolism. They are safe, biodegradable and environment friendly and they have versatile applications as ingredients in pharmaceutical products. Due to their amphiphilic nature, they can be exploited as pharmaceutical excipients to enhance aqueous solubility of lipophilic molecules, to optimize release and permeation profiles of active substances, and to stabilize disperse systems. Due to intrinsic antimicrobial and antiadhesive properties, they can be also proposed as active ingredients or as adjuvants to counteract microbial or viral infections. In addition, recent findings suggest their capacity to act as anticancer, immunomodulating, and wound healing agents.

This Special Issue aims to cover different applications of BS as pharmaceutical excipients and/or active molecules and will include papers describing the preparation and characterization of innovative pharmaceutical formulations containing BS.





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