

## Special Issue

# Biosurfactants as Multifunctional Ingredients for Emerging Pharmaceutical Formulations

### 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.

### Guest Editors

Prof. Dr. Barbara Luppi

Dr. Angela Abruzzo

Dr. Carola Parolin

### Deadline for manuscript submissions

closed (31 October 2021)



## Pharmaceutics

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*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Patrick J. Sinko  
Department of Pharmaceutics, Ernest Mario School of Pharmacy,  
Rutgers University, Piscataway, NJ 08854, USA

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