

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

an Open Access Journal
by MDPI

Impact Factor 5.5

CiteScore 10.0

Indexed in PubMed



mdpi.com/si/45174

Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

[mdpi.com/journal/
pharmaceutics](http://mdpi.com/journal/pharmaceutics)





Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



[mdpi.com/journal/
pharmaceutics](http://mdpi.com/journal/pharmaceutics)



About the Journal

Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).