Special Issue

Nanocarrier-Based Antibacterial Agents and Formulations

Message from the Guest Editors

This Special Issue will focus on the latest research in the field of nanocarrier-based antibacterial agents. Topics of interest include the following:

The design and synthesis of novel antibacterial agentloaded nanocarriers;

The characterization of the antibacterial activity of nanocarriers:

The delivery of antibacterial agent-loaded nanocarriers to specific targets;

The in vitro and in vivo safety and efficacy of antibacterial agent-loaded nanocarriers.

This Special Issue is intended for researchers and clinicians working in the field of antibacterial drug delivery. It will be of interest to scientists and engineers working on the design and development of new antibacterial agent-loaded nanocarriers, as well as clinicians who are evaluating the use of nanocarriers in the treatment of bacterial infections.

We invite original research articles, review articles, and short communications on the topics listed above. Manuscripts should be submitted in English and should follow the guidelines of the journal Pharmaceutics.

Guest Editors

Dr. Ángel León-Buitimea

School of Engineering and Sciences, Tecnologico de Monterrey, Campus Monterrey, Ave. Eugenio Garza Sada 2501, Monterrey, N. L., CP 64849, Mexico

Dr. Carla Martins Lopes

1. FP-BHS—Biomedical and Health Sciences Research Unit, FP-I3ID—Instituto de Investigação, Inovação e Desenvolvimento, Faculty of Health Science, Fernando Pessoa University, 4200-150 Porto, Portugal 2. Associate Laboratory i4HB—Institute for Health and Bioeconomy, Faculty of Pharmacy, University of Porto, 4050-313 Porto, Portugal 3. UCIBIO—Applied Molecular Biosciences Unit, MedTech—Laboratory of Pharmaceutical Technology, Faculty of Pharmacy, University of Porto, 050-313 Porto, Portugal

4. RISE—Health, Faculty of Health Sciences, Fernando Pessoa University, Fernando Pessoa Teaching and Culture Foundation, Rua Carlos da Maia 296, 4200-150 Porto, Portugal



Pharmaceutics

an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



mdpi.com/si/196701

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

mdpi.com/journal/pharmaceutics





an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



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

Department of Pharmaceutics, Ernest Mario School of Pharmacy, Rutgers University, Piscataway, NJ 08854, 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 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

