

Special Issue

Advances in Solid Lipid Micro- and Nanoparticle Technology, 2nd Edition

Message from the Guest Editors

Undoubtedly, solid lipid micro- and nanoparticles show high potential in a number of different therapeutic areas. The massive use of lipid nanoparticles in COVID-19 mRNA vaccines has shed new light on these carriers due to the proven safety and the availability of large-scale manufacturing. Unfortunately, the intrinsic solid-state properties of lipids are detrimental to particle storage stability and sometimes restrict their market appeal. Therefore, in spite of the recorded progress, solid lipid particle technology is still striving to overcome unmet development issues. This Special Issue aims to include the most recent research efforts addressing lipid particle technology challenges. Detailed topics are: advanced manufacturing techniques; new solid lipid particle engineering approaches to enhance stability and delivery performances; new approaches in the use of solid lipid particles for targeted or local drug delivery; and technologies addressing the delivery of large biomacromolecules, such as peptide, proteins, DNA, siRNA and mRNA.

Guest Editors

Dr. Stefano Giovagnoli

Dr. Paolo Blasi

Dr. Aurélie Schoubben

Deadline for manuscript submissions

closed (30 September 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/171363

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

[mdpi.com/journal/
pharmaceutics](https://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](https://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 pharmaceuticals and biopharmaceuticals. 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, CAPIus / 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).