

Special Issue

Nanosuspensions for the Improvement of Drug Bioavailability, 2nd Edition

Message from the Guest Editors

The majority of new chemical entities in discovery and development, and a number of approved compounds listed in classes II and IV of the Biopharmaceutical Classification System, are characterized by poor water solubility. Low solubility often results in limited or erratic bioavailability, which might impose higher doses to achieve a pharmacological effect, increasing the risk of toxicity and the waste of material. In the last several decades, nanocrystals have delivered the promise of increasing drug solubility and improving bioavailability. Nanocrystals can be dispersed in aqueous or non-aqueous media to produce nanosuspensions.

Nanosuspensions, in addition to allowing high drug concentrations, have proved to be efficient in crossing numerous biological barriers. This Special Issue will include original research and thematic reviews on any aspects related to the development of nanosuspensions. Specifically, we welcome contributions focused on production processes and characterization methods, on the development of novel nanosuspensions, and on their assay in relevant in vitro/in vivo models.

Guest Editors

Dr. Francesco Lai

Dr. Michele Schlich

Dr. Rosa Pireddu

Dr. Luca Casula

Deadline for manuscript submissions

closed (31 July 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/161947

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
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).