

Special Issue

Micro- and Nanoemulsion-Based Systems for Controlled and Targeted Drug Delivery

Message from the Guest Editors

Micro- and nanoemulsions are versatile carriers that solubilize poorly water-soluble actives, enhance permeability, and enable controlled/targeted release. By controlling droplet size, interfacial properties, and composition, they can improve bioavailability and reduce adverse effects across administration routes.

Self-microemulsifying (SMEDDS) and self-nanoemulsifying (SNEDDS) systems form emulsions/nanoemulsions upon contact with aqueous media, simplifying formulation and improving stability and in vivo performance. Advances in lipid selection, surfactants, and optimization are driving their use for oral, ocular, pulmonary, transdermal, and parenteral delivery.

We seek high-quality contributions on formulation, characterization, and application of micro-/nanoemulsions, including SMEDDS and SNEDDS, covering experimental and theoretical studies and short reviews. Topics include:

Formulation design/optimization;
physico-chemical characterization and stability;
Controlled/targeted delivery;
functionalized and stimuli-responsive emulsions;
In vitro/ex vivo/in vivo characterization;

We look forward to your contributions advancing emulsion-based drug delivery.

Guest Editors

Prof. Dr. Rosario Pignatello
Dr. Angela Bonaccorso
Dr. Elide Zingale

Deadline for manuscript submissions

31 May 2026



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/260048

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).