

Special Issue

Nanoformulation of Drug Delivery Systems for Natural Products

Message from the Guest Editors

Pharmaceutical nanotechnology combines nanotechnology with pharmaceutical and biomedical sciences and focuses on improved medicines through the design, formulation and characterisation of nanotechnology-based drug delivery systems (DDSs). The aim of Special Issue is to provide a publication platform for research works presenting the recent advancements in the integration of pharmaceutical nanotechnology with natural products in developing modern DDSs. The advanced pharmaceutical nanocarrier systems integrated with natural products could be (but are not limited to) polymeric nanoparticles, solid lipid nanoparticles, liposomes, nanocrystals, nanofibers, polymersomes, exosomes, nanomicelles, dendrimers, quantum dots, and carbon nanotubes. Such nanotechnology-based DDSs could be designed for gastrointestinal delivery, topical skin, parenteral delivery, ocular delivery, pulmonary delivery, rectal delivery and theranostics applications, among others.

pharmaceutical nanotechnology

nanoformulation

natural products

medicinal plant products

native-origin actives

drug delivery systems

nanoparticulate systems

biological activity

Guest Editors

Prof. Dr. Jyrki Heinämäki

Institute of Pharmacy, Faculty of Medicine, University of Tartu, Nooruse 1, EE-50411 Tartu, Estonia

Prof. Dr. Ain Raal

Institute of Pharmacy, Faculty of Medicine, University of Tartu, 50411 Tartu, Estonia

Deadline for manuscript submissions

closed (31 December 2022)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/105340

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).