

Special Issue

Novel Strategies to Improve the Therapeutic Effects of Natural Anticancer Compounds

Message from the Guest Editors

The discovery of cytostatic properties of Vinca alkaloids, taxanes, epipodophyllotoxins, and camptothecin derivatives has revolutionized therapeutic approaches for cancer. Today, in spite of significant advances in cancer therapy related to the application of monoclonal antibodies and specific kinase inhibitors, natural antimitotic inhibitors remain one of the most widely used drugs in oncology. Thus, new approaches to enhance the bioavailability of natural compounds are needed.

Various delivery systems, including liposomes, nanocarriers or biopolymers provide several advantages over traditional formulations. Authors are invited to submit papers focused on new strategies for the delivery of natural anticancer compounds contributing to increased anticancer therapy outcomes and decreased side effects. natural bioactive compounds
natural anticancer compounds
plant extracts
pharmaceutical vehicles
bioavailability
biomaterials
nanotechnology
biopolymers
drug release
drug delivery systems
in vitro study
in vivo study

Guest Editors

Prof. Dr. Marek Drozdziak

Department of Experimental and Clinical Pharmacology, Pomeranian Medical University, Powstancow Wlkp. 72 Str., 70-111 Szczecin, Poland

Dr. Magdalena Peruzynska

Department of Experimental & Clinical Pharmacology, Pomeranian Medical University, Powstancow Wielkopolskich 72, 70-111 Szczecin, Poland

Deadline for manuscript submissions

closed (28 February 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/97228

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 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).