



Trends in Medicinal Plant-Based Formulations and Drug Delivery Systems for Theranostic Applications

Guest Editors:

**Prof. Dr. Kristina
Ramanauskienė**

Prof. Dr. Liudas Ivanauskas

Prof. Dr. Daiva Majienė

Deadline for manuscript
submissions:
closed (31 January 2025)

Message from the Guest Editors

Modern extraction technologies allow for the isolation and purification of active compounds from plant materials. By employing sensitive analytical methods, issues regarding the chemical composition and standardization of extracts are being addressed to facilitate their targeted application in pharmaceutical formulating with minimal side effects. A significant challenge in the scientific community is the development of targeted drug delivery systems for cancer therapy. Nowadays, natural auxiliary materials are increasingly used, and their potential as carriers and penetration enhancers is being explored in the context of drug delivery systems.

This Special Issue aims to gather the latest data on the isolation, standardization and incorporation of new biologically active compounds into drug delivery systems to improve the bioavailability and therapeutic efficacy of active substances.

We invite scientists to submit original research or review articles for this Special Issue, which will compile current studies on the biological activity, bioavailability and potential application of isolated natural compounds in drug delivery systems.





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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)

Contact Us

Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma