

Special Issue

Bioactive Molecules from Plants: Discovery and Pharmaceutical Applications

Message from the Guest Editors

Plants have historically proven their value as a source of bioactive molecules with pharmaceutical potential. Due to an increasing demand for chemical diversity in pharmaceutical screening programs, the identification of novel therapeutic drugs from natural sources represents an interesting approach. Indeed, plants are extremely rich sources of bioactive molecules useful for a multitude of applications in the fields of biomedicine, cosmetics, and the food industry. The focus of this Special Issue is on the identification, extraction, purification, characterization and formulation of novel bioactive molecules from plants. Topics include but are not limited to: Bioactive compounds as supplements for functional foods and cosmetics; Novel molecules with antioxidant properties; Bioactive compounds targeting cell survival and cell signaling pathways; Novel protein and non-protein protease inhibitors from plants; Bioactive molecules with anti-bacterial, anti-fungal, or antiviral properties; Compounds with immunomodulatory effects.

Guest Editors

Dr. Javier Garcia-Pardo

Prof. Dr. Maria Camilla Bergonzi

Dr. Charles M. Heard

Deadline for manuscript submissions

closed (30 November 2021)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/71116

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).