

# Special Issue

## Drug Delivery of Natural Active Principles: Focus on Topical and Oral Applications

### Message from the Guest Editors

Natural active principles still attract interest regarding their therapeutic purposes thanks to the lack of side effects, which makes them particularly appealing for the treatment of chronic diseases (e.g., hypertension and atherosclerosis). However, strategies for optimising the delivery of natural compounds and enhancing their efficacy are still needed. Natural compounds, in fact, are often affected by low bioavailability, low stability or fast degradation. Different strategies can be proposed, encompassing, for example, nano- or micro-carriers, polymer-based, lipid-based or oxide-based particles or hybrid systems, and specific formulations. The present Special Issue aims to collect original research articles, review papers, or reviews regarding systems and approaches to delivering natural compounds, protecting them or enhancing their properties, with particular attention to oral and topical delivery. Authors are encouraged to share their research on both the synthesis of new systems and their characterization. Works including *in vitro* and *in vivo* tests are welcome.

---

### Guest Editors

#### Dr. Marta Gallo

DISAT Department, Politecnico di Torino, corso Duca degli Abruzzi 29, 10129 Torino, Italy

#### Dr. Marta Miola

Department of Applied Science and Technology, Politecnico di Torino, Turin, Italy

---

### Deadline for manuscript submissions

closed (20 December 2022)



# Pharmaceutics

---

an Open Access Journal  
by MDPI

---

**Impact Factor 5.5**

**CiteScore 10.0**

**Indexed in PubMed**



[mdpi.com/si/85053](http://mdpi.com/si/85053)

*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
pharmaceutics@mdpi.com

[mdpi.com/journal/  
pharmaceutics](http://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](http://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

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, 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 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).