

## Special Issue

# Emergent Strategies for Natural Products Delivery

### Message from the Guest Editors

Natural products have a wide range of applications with a profound impact in the medical and healthcare fields. In the last decade, numerous delivery systems based on natural products have been developed to optimise their biopharmaceutical properties, to achieve desirable target characteristics, to reduce doses and side effects, and even to achieve therapeutic levels of drugs over an extended period. This is generally related to the scarce water solubility, low lipophilicity and inappropriate molecular size of natural compounds, which undergo structural instability in a biological milieu, rapid clearance and a high metabolic rate. Additionally, some molecules are destroyed in gastric juice or suffer a massive pre-systemic metabolism in the liver when administered orally, limiting their clinical use. Reduced bioavailability can be also linked to drug distribution/accumulation in non-targeted tissues and organs that increase the side effects, lowering the therapeutic efficacy and patient compliance. Delivery systems represent favourable tools to increase the bioavailability and activities of natural products.

### Guest Editors

Prof. Dr. Anna Rita Bilia

Prof. Dr. Maria Camilla Bergonzi

Dr. Vieri Piazzini

### Deadline for manuscript submissions

closed (31 May 2020)



## Pharmaceutics

an Open Access Journal  
by MDPI

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/23350](https://mdpi.com/si/23350)

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