

## Special Issue

# Biopolymer-Based Platforms for Bioactive Compound Delivery

### Message from the Guest Editors

Biopolymers represent a significant platform for the development of materials used in biomedicine due to their outstanding properties, of which biocompatibility and biodegradability are of the highest importance. Biopolymers have found their use in the development of tissue engineering scaffolds, wound dressings, diagnostic imaging, and drug delivery systems. Due to the abundance of nucleophilic groups in their structures, biopolymers can easily entrap bioactive compounds and anchor them through physical interactions, creating the optimal condition for the development of drug delivery systems with a prolonged effect. This Special Issue is dedicated to publishing original studies presenting the use of biopolymers to obtain a matrix for the encapsulation of compounds possessing biological properties. The Issue will cover not only the applicative approaches but also the fundamental aspects, such as the interaction between the matrix and the bioactive compounds, factors which govern the release process, pharmacokinetics, and pharmacodynamics.

### Guest Editors

Dr. Bianca Andreica

Petru Poni Institute of Macromolecular Chemistry, Grigore Ghica Voda Alley, 700487 Iasi, Romania

Dr. Daniela Ailincăi

Petru Poni Institute of Macromolecular Chemistry, Grigore Ghica Voda Alley, 700487 Iasi, Romania

### Deadline for manuscript submissions

31 August 2025



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/231392](https://mdpi.com/si/231392)

*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 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).