

## Special Issue

# Multifunctional Natural Polymer-Based Therapeutic Systems: Drug Delivery Meets Tissue Engineering

### Message from the Guest Editors

In recent years, the convergence of drug delivery and tissue engineering has driven the development of a new generation of multifunctional biomaterials that are capable of addressing complex biomedical challenges through a unified therapeutic platform. Among these, natural polymer-based therapeutic systems have attracted significant attention due to their biocompatibility, hydrophilicity, biodegradability, and structural similarity to components of the native extracellular matrix (ECM). Polymers such as chitosan, gelatin, hyaluronic acid, alginate, collagen, and cellulose derivatives offer versatile platforms for designing intelligent, stimuli-sensitive systems that release bioactive agents in a controlled/targeted manner, while simultaneously promoting cell adhesion, proliferation, migration, and tissue regeneration. We kindly invite scientists that investigating innovative biopolymeric formulations, functional modifications, advanced biofabrication techniques (e.g., 3D printing and electrospinning), and the in vitro/in vivo performance of these hybrid therapeutic systems to contribute original research articles and review articles.

### Guest Editors

Dr. Marija M. Babić Radić

Innovation Center, Faculty of Technology and Metallurgy, University of Belgrade, Karnegijeva 4, 11000 Belgrade, Serbia

Prof. Dr. Wei-En Yuan

Engineering Research Center of Cell & Therapeutic Antibody, Ministry of Education, Shanghai Jiao Tong University, Shanghai 200240, China

### Deadline for manuscript submissions

10 November 2026



## Pharmaceutics

an Open Access Journal  
by MDPI

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/245463](https://mdpi.com/si/245463)

*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

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, CAPIus / 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).