

Special Issue

Application of Cellulose in Pharmaceutics

Message from the Guest Editors

Cellulose and its derivatives are versatile and sustainable biomaterials with broad applications in pharmaceutics. From traditional uses of microcrystalline cellulose in tablet formulations to innovative incorporation of cellulose nanocrystals and nanofibers in advanced drug carriers, the structural diversity and functionality of cellulose-based materials offer potential for innovative pharmaceutical solutions. Moreover, cellulose derivatives enable precise modulation of solubility and drug release profiles, contributing to enhanced bioavailability, stability, and therapeutic efficacy. This Special Issue aims to highlight recent advancements and emerging trends in the pharmaceutical applications of cellulose, focusing on formulation science, drug release modulation, nanotechnology-based systems, and regulatory perspectives. We welcome original research articles and reviews that explore the role of cellulose in enhancing the performance, safety, and sustainability of pharmaceutical products.

Guest Editors

Dr. Rilton Alves de Freitas

Dr. Jaqueline Carneiro

Dr. Fábio Seigi Murakami

Deadline for manuscript submissions

28 February 2026



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/250359

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 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).