Special Issue

Recent Insights Concerning the Use of Supramolecular Systems for Biomedical Applications

Message from the Guest Editors

In recent years, supramolecular systems have emerged as a promising study area with potential applications in various biomedical fields. Supramolecular systems have attracted significant attention in biomedical research due to their unique properties and versatile functionalities. These systems, based on non-covalent interactions, offer a wide range of possibilities for applications, such as drug delivery, tissue engineering, wound healing, cancer therapy, and bioimaging. Many researchers have explored various types of supramolecular systems, including hydrogels, nanoplatforms, and polymers, to develop innovative solutions for biomedical challenges. One of the primary areas where supramolecular systems have found great promise is drug delivery. Supramolecular systems solve these challenges by encapsulating drugs within their structures, protecting them from degradation and increasing their solubility. This Special issue is dedicated to investigating nanotransporters based on supramolecular systems, containing natural or synthetic bioactive molecules, in which the drug is either absorbed, adsorbed or encapsulated in the carrier, emphasizing their improved biological activity.

Guest Editors

Dr. Elena-Alina Moacă

Dr. Codruta Soica

Dr. Cristina Trandafirescu

Prof. Dr. Cristina Adriana Dehelean

Deadline for manuscript submissions

10 April 2026



an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



mdpi.com/si/201652

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

mdpi.com/journal/pharmaceutics





an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



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 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).

