



## Advances in Polymeric Drug Delivery Systems, 2nd Edition

Guest Editors:

**Dr. Joanna Rydz**

Centre of Polymer and Carbon  
Materials, Polish Academy of  
Sciences, 41-819 Zabrze, Poland

**Dr. Barbara Zawidlak-  
Węgrzyńska**

Department of Chemistry,  
Faculty of Medicine in Zabrze,  
Academy of Silesia, 40-555  
Katowice, Poland

Deadline for manuscript  
submissions:

**closed (30 April 2025)**

### Message from the Guest Editors

Research into the design, characterization, fabrication, and development of drug delivery systems used in pharmaceuticals based on natural and synthetic polymers has achieved tremendous growth over the past two decades. Efficient drug delivery systems are designed to improve the pharmacokinetics and pharmacodynamics of any therapy. Their goal is to enable the drug to be delivered to the right place, at the right time, and in the right amount. Drug delivery systems employ strategies such as controlled release, targeted delivery, or improving the solubility and stability of a drug in such a way so as to provide increased drug efficacy. The next step in effective drug delivery is to select a drug delivery system that can achieve the desired results.

The purpose of this Special Issue is to provide a contemporary overview of the latest developments in drug delivery systems, particularly breakthroughs and advances in the synthesis, fabrication, characterization, and applications of innovative polymeric biomaterials in drug delivery.





an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**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)

## Contact Us

---

*Pharmaceutics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma