

Special Issue

Molecularly Imprinted Polymers in Pharmaceutical and Biomedical Area: Let's Make the Point

Message from the Guest Editor

Molecular imprinting represents a very powerful technology for the synthesis of polymeric matrices (molecularly imprinted polymers, MIPs). Currently, the potential application of MIPs as drug delivery systems (DDSs) for the controlled release of drugs is attracting significant attention due to their ability to control the release of the therapeutic agent used as template during the polymerization process. This results in a prolonged drug release and, thus, in reduced side effects and improved patient compliance. Moreover, MIPs can be modified by conjugation with specific targeting and/or imaging molecules, obtaining multimodal devices.

These polymeric materials can also find application in pharmaceutical and biomedical fields as chemo/biosensors for the detection of drugs and their metabolites, artificial receptors and antibodies, etc. However, the optimization of these polymeric materials for drug delivery, development and screening applications represents an open challenge.

Therefore, this Special Issue is devoted to the application of MIPs in drug delivery and the most recent innovations in this field.

Guest Editor

Dr. Ortensia Ilaria Parisi

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, Rende, Italy

Deadline for manuscript submissions

closed (30 April 2020)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/26304

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 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).