

Special Issue

Local Drug Delivery System

Message from the Guest Editors

Site-specific drug delivery is among the main objectives for the optimization of pharmaceutical therapies. In particular, local drug delivery systems represent a way to avoid systemic administration, reducing the associated side effects and increasing patient compliance. In the design of local drug delivery systems, different strategies to overcome physiological barriers to obtain effective drug concentration at the target site without affecting adjacent tissues can be pursued. Physical and chemical enhancers, microneedles and nanostructured drug delivery systems have been proposed as effective tools to influence drug release and partition at the target tissues. Innovative drug delivery systems could be based on natural or synthetic polymers, better if biodegradable, endowed with stimuli-responsive behavior and, if applicable, mucoadhesive properties. This Special Issue welcomes original research articles and reviews in this field, with a focus on all aspects of the formulation, characterization and development of innovative drug-delivery systems for local drug delivery.

Prof.

Guest Editors

Dr. Silvia Tampucci

Department of Pharmacy, University of Pisa, 56126 Pisa, Italy

Prof. Dr. Daniela Monti

Department of Pharmacy, University of Pisa, 56126 Pisa, Italy

Deadline for manuscript submissions

closed (15 July 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/108895

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).