

Special Issue

Smart Materials for Targeted Drug Delivery and Cancer Therapy

Message from the Guest Editors

Smart materials have been developed for many applications, from sensing and energy harvesting to drug delivery. With the advent of new materials and technologies, smart materials have become increasingly important for biomedical applications, such as drug delivery and cancer therapy. Smart nanomaterials can not only release drugs specifically in response to the tumor microenvironment, but also precisely regulate the drug release rate through exogenous stimulus to achieve long-acting circulation in vivo, tumor site enrichment effect and controlled release. The aim of this Special Issue is to focus on the design and fabrication of smart materials for targeted drug delivery and cancer therapy. The topics of interest include, but are not limited to, the development of biocompatible, biodegradable and smart materials for drug delivery, smart drug delivery systems and strategies for designing smart materials for cancer therapy. The Special Issue will also highlight the challenges and opportunities of smart materials for targeted drug delivery and cancer therapy. We are pleased to invite you to contribute your original research or review articles on the above areas.

Guest Editors

Prof. Dr. Lin Mei

State Key Laboratory of Advanced Medical Materials and Devices, Tianjin Key Laboratory of Biomedical Materials, Key Laboratory of Biomaterials and Nanotechnology for Cancer Immunotherapy, Institute of Biomedical Engineering, Chinese Academy of Medical Sciences & Peking Union Medical College, Tianjin 300192, China

Dr. Meitong Ou

Institute of Biomedical Engineering, Chinese Academy of Medical Sciences and Peking Union Medical College, Tianjin 300192, China

Deadline for manuscript submissions

closed (20 September 2023)



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/163350

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

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, CAPIus / 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 15.7 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).