

## Special Issue

# Magnetic Nanomaterials for Hyperthermia-Based Therapy, Imaging, and Drug Delivery

### Message from the Guest Editor

Among other nanoformulations, magnetic nanoparticles have been proven to possess numerous benefits over conventional medicines, making them valuable candidates in various fields of biomedical applications due to their ability to be remotely controlled by external magnetic fields. By either functionalizing their surface or creating hybrid nanoformulations in combination with polymers, fluorophores, liposomes, and plasmonic or silica shells, magnetic nanoparticles gain multiplexing capabilities, making them suitable for combined applications, leading to what we now call theranostic nanoparticles. The capacity of these magnetic nanomaterials to diagnose and treat medical conditions, combined with the possibilities of remotely controlling their position or triggering their activity, make them one of the most investigated classes of theranostic materials. In this Special Issue, we kindly invite authors to report both experimental and theoretical results on their recently developed magnetic nanomaterials in the medical field for imaging, diagnostics, and the treatment of diseases.

### Guest Editor

Prof. Dr. Constantin Mihai Lucaciu

Department of Pharmaceutical Physics-Biophysics, Faculty of Pharmacy, "Iuliu Hatieganu" University of Medicine and Pharmacy, Pasteur 6, 400349 Cluj-Napoca, Romania

### Deadline for manuscript submissions

closed (30 September 2023)



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/133316](https://mdpi.com/si/133316)

*Pharmaceutics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceutics@mdpi.com](mailto: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).