

## Special Issue

# Polymeric Nanoparticles Applied to Therapy and Diagnostics

### Message from the Guest Editor

Nanotechnology has grown prominent in the field of biomedicine by circumventing some deficiencies of current treatments. Nanotechnology approaches protect the active drug from the instabilities of body compartments and drive the drug into the pharmacological targets, reducing adverse effects. Polymeric nanoparticles (PNPs) comprise nanocapsules and nanospheres, highly employed as drug delivery or diagnostic tools. Nanocapsules carry the active molecules, mainly dissolved in an oily core surrounded by a polymeric shell, while nanospheres present a continuous polymeric network in which the active molecule can be retained inside or adsorbed onto their surface. This Special Issue aims to highlight pre-clinical studies and translational application of PNPs such as drug-delivery or diagnostics tools. We invite articles on these aspects of PNPs applications, focusing on the most suitable experimental approaches, routes of administrations, toxic effects and on advances on clinical trials to acute and chronic diseases.

---

### Guest Editor

Prof. Dr. Sandra Farsky

Faculty of Pharmaceutical Sciences, University of Sao Paulo, Av. Prof. Lineu Prestes 580 Bloco 13 B, São Paulo, SP, Brazil

---

### Deadline for manuscript submissions

closed (20 December 2021)



## Pharmaceutics

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 7.9  
Indexed in PubMed



[mdpi.com/si/63782](https://mdpi.com/si/63782)

*Pharmaceutics*  
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 4.9  
CiteScore 7.9  
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 3.4 days (median values for papers published in this journal in the first half of 2024).