

## Special Issue

# Nanocomposites as Implantable Devices or Drug Delivery Platforms: A New Insight into Treat Dental and Oral Diseases

### Message from the Guest Editors

Nanocomposites are multiphase materials where at least one component is in the nano-scale range. Due to their unique properties, they are currently spotlighted as versatile and innovative dosage forms. Their multifunctional components could determine targeted drug delivery and co-administration of incompatible actives, offering innovative treatment options for periodontitis, oral lichen planus (OLP), medication-related osteonecrosis of the jaw (MRONJ), and oral cancers. Nanocomposites can mitigate any systemic side effect by ensuring localized and controlled release of synthetic drugs and natural compounds with pronounced anti-inflammatory, antioxidant, anticancer, wound healing, antibiotic, and osteoinductive activities while improving treatment effectiveness and success.

This Special Issue will cover all the advances, challenges, and future perspectives in using active-loaded nanocomposites to manage dental and oral diseases. Literature reviews and research papers concerning developing nanocomposite-based innovative drug delivery systems (e.g., bone substitutes, covering materials, gingival patches of films, periodontal injectable in situ gelling matrices, etc.) are welcome.

### Guest Editors

Dr. Giuseppe Angellotti

Institute of Nanostructured Materials, National Research Council (CNR-ISMN), Piazzale Aldo Moro, 7, 00185 Roma, Italy

Dr. Giulia Di Prima

Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, 90123 Palermo, Italy

### Deadline for manuscript submissions

28 February 2026



## Pharmaceutics

an Open Access Journal  
by MDPI

Impact Factor 5.5  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/208286](https://mdpi.com/si/208286)

*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 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  
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, 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).