

Special Issue

Biomaterials for Oral and Dental Drug Delivery

Message from the Guest Editors

The field of oral and dental drug delivery is rapidly evolving, driven by advances in biomaterials science, nanotechnology, and tissue engineering. This Special Issue aims to highlight innovative strategies that enhance the efficacy, safety, and patient compliance of therapeutic approaches targeting the oral cavity and dental tissues. We welcome contributions that address fundamental mechanisms of drug release, the design of novel biomaterials, and their applications in treating oral diseases, periodontal regeneration, and dental tissue repair. Topics of interest include, but are not limited to, bioactive and biodegradable carriers, nanoparticle- and hydrogel-based delivery systems, mucoadhesive platforms, and smart materials responsive to the unique environment of the oral cavity. By bringing together interdisciplinary perspectives from materials science, dentistry, pharmacology, and bioengineering, this Special Issue seeks to advance the translation of innovative biomaterial-based drug delivery systems into clinical practice. Original research, reviews, and cutting-edge technological reports are welcome.

Guest Editors

Dr. Magdalena Paczkowska-Walendowska

Department of Pharmacognosy and Biomaterials, Poznan University of Medical Sciences, Rokietnicka 3, 60-806 Poznan, Poland

Prof. Dr. Judyta Cielecka-Piontek

Department of Pharmacognosy and Biomaterials, Poznań University of Medical Sciences, 60-806 Poznań, Poland

Deadline for manuscript submissions

31 December 2026



Pharmaceutics

an Open Access Journal
by MDPI

Impact Factor 5.5
CiteScore 12.5
Indexed in PubMed



mdpi.com/si/252283

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 12.5
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).