Special Issue

Next Generation of PLGA-Based Nanoparticles as Drug Delivery Systems for Biomedical Applications

Message from the Guest Editors

This Special Issue is dedicated to advanced PLGA-based nanotechnology research on biomedical applications. Here, we focus on the latest advanced PLGA-based nanoparticles used in the biomedical field. This issue will include contributions of research applications on the technologies available for producing and analyzing PLGA nanoparticles, with a focus on novel biomedical applications and the most up-to-date scalability PLGA-based nanoparticle formulation methods. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: PLGA nanocarriers for cancer targeting;
PLGA nanocarriers for immunomodulation and vaccine formulations;
PLGA nanocarriers for inflammatory disorders;
Scalable fabrication techniques for polymeric nanoparticles;
Antibiotic resistance;
Theranostic applications.
I look forward to receiving your contributions.

Guest Editors

Prof. Dr. Piera Di Martino
Department of Pharmacy, University G. D'Annunzio Chieti-Pescara, 66100 Chieti, Italy

Dr. Maria Rosa Gigliobianco
School of Pharmacy, University of Camerino, 62032 Camerino, Italy

Deadline for manuscript submissions

closed (10 May 2024)

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
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).