



Polymer-Based Micro- and Nanocarriers for Drug Delivery and Targeting

Guest Editors:

Dr. Angela Bonaccorso

Department of Drug and Health
Sciences, University of Catania,
V.le Andrea Doria, 6, 95125
Catania, Italy

Prof. Dr. Rosario Pignatello

Department of Drug and Health
Sciences, University of Catania,
V.le Andrea Doria, 6, 95125
Catania, Italy

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

Over the last fifty years, the development of biodegradable polymeric materials for pharmaceutical applications has advanced significantly. In the same way, the development of drug delivery systems based on natural and synthetic polymers exhibits exponential growth in pharmaceutical and biomedical fields.

Thanks to the tunable properties of polymeric biomaterials, carriers with different structure, size, shape, and surface charge can be obtained. Therefore, different kinds of micro- and nanosystems can be produced from polymeric materials using a wide variety of fabrication techniques. The pharmaceutical application of polymeric carriers is also crucial in diagnostics as well as in prophylaxis (vaccines) and therapy for various pathological conditions. Based on the current and continuing relevance of this category of drug delivery systems, and looking ahead, this Special Issue will give readers a concise overview of the recent innovative design and application of controlled-release polymeric drug delivery systems. Topics including detailed physico-chemical and technological characterization of innovative polymeric systems and in vitro/in vivo correlations are warmly welcomed.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma