



Lipid- and/or Polymer-Based Drug Delivery Systems

Guest Editors:

Dr. Emanuela Fabiola Craparo

Laboratory of Biocompatible Polymers, Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Via Archirafi 32, 90123 Palermo, Italy

Prof. Dr. Teresa Musumeci

Department of Drug Sciences, Università degli Studi di Catania, 95131 Catania, Italy

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is addressed to those authors who are currently engaged in the creation of high-performance drug delivery systems, in particular, who are developing advanced drug delivery systems using different materials such as polymers and/or lipids. These raw materials can be used individually, in physical mixtures, or as hybrid materials; further, they can be appropriately modified through functionalization with different molecules. Different strategies provide unique properties to the resulting systems in terms of drug loading, stability in biological fluids, targeting to a specific organ or tissue, ability to mimic biological components or systems in order to allow their recognition as self by the body. The last property means that in order to improve its pharmaceutical performance, a system exploits normal physiological mechanisms used by endogenous systems, such as intestinal absorption, crossing of physiological barriers, cell recognition. This Special Issue will consider papers on both pharmaceutical and diagnostic applications of drug delivery systems.

Prof. Emanuela Fabiola Craparo

Prof. Teresa Musumeci

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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

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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