

Special Issue

Lipid- and/or Polymer-Based Drug Delivery Systems

Message from the Guest Editors

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.

Guest Editors

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Editor-in-Chief

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