



Functional Polymers for Drug Delivery System

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Message from the Guest Editors

Dear Colleagues,

In the frame of the current challenges, functional polymers owing to their characteristics (e.g., versatility in formulation and functionalization, stimuli-responsibility, biodegradability for controlled drug release and ability to encapsulate/solubilized a wide variety of therapeutics) are of particular interest in the formulation of various drug delivery systems with more sophisticated structures and functions. Moreover, these drug delivery systems should ensure optimal therapeutic efficiency by preserving and precisely delivering the encapsulated therapeutic agent to the targeted site with minimal site-effects, releasing it in a controlled and sustained manner, in accordance with its purpose, its pharmacological properties and patient-specific therapeutic function.

The purpose of this Special Issue is to highlight recent achievements in the design of drug delivery formulations leveraging functional polymers with potential applications in biomedicine.

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