



Research on New Crystal Forms of Antitumor Drugs: Development and Controlled Release

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Message from the Guest Editor

This Special Issue is focusing on the synthesis, characterization, and methods to improve the drug delivery of antitumor drugs. Its primary focus is on the development of drugs using rational design approaches or even new and well-known applications of antitumor agents. Additionally, encapsulation strategies or ways of obtaining nanopolymeric micelles, polymeric nanoparticles, liposomes, solid lipidic nanoparticles, lipid-polymer hybrid nanoparticles, cyclodextrin nanosponges, nanoemulsions, poloxamer-based thermosensitive hydrogels, mesoporous silica nanoparticles, nanocrystals, hybrid nanomaterials based on iron oxide nanoparticles, and mesoporous silica nanoparticles are of interest, but are not the only topics that can be covered. Combining diffraction-based techniques (X-ray, neutron, electron, among others) and computational methods promotes a profound understanding of the structure relationship of drugs, which is of paramount importance for evaluating their physicochemical properties.





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Message from the Editor-in-Chief

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