

Special Issue

Recent Developments in Theranostic Nanoparticulate Drug Delivery Systems

Message from the Guest Editors

There has been emerging interest in recent years in the development of multifunctional drug delivery systems that can be used simultaneously for both imaging and therapy. Theragnostic, which is a portmanteau of the words 'therapy' and 'diagnostics', is of importance as it moves away from the 'one medicine fits all' approach in order to provide targeted and patient-centered care. Nanotheranostic systems have the potential to facilitate early disease detection, disease-specific biomarker identification, selection of patient-specific therapies, real-time treatment monitoring, and early detection of off-target effects of the treatment using a single formulation. Multifunctional nanotheranostic platforms with dual-modality imaging capabilities, and loaded with multiple therapeutics, are also being developed and studied for the management of various diseases. For this Special Issue, we welcome original research and review articles that highlight recent research advances and breakthroughs in the area of 'Recent Developments in Theranostic Nanoparticulate Drug Delivery Systems'.

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