



Nanomedicine Based Drug Delivery Systems: Recent Developments and Future Prospects

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Message from the Guest Editor

Since the discovery of nanomedicine-based drug delivery carriers such as nanoparticles, liposomes, and self-nanoemulsifying drug delivery systems (SNEDDS), enormous progress has been achieved in the field of innovative active biomolecule drug delivery systems. The use of nanomedicines as drug delivery carriers has garnered a lot of interest in recent years for the therapeutic targeting of specific cells. Biocompatibility, biodegradability, low toxicity, drug delivery efficiency, drug targeting efficiency, and improved solubility, bioavailability, and bioactivities are all advantages of these nanosized drug delivery carriers. These nanomedicine-based drug delivery carriers can also improve the pharmacokinetic and pharmacodynamics efficiencies of active therapeutic biomolecules, allowing for a more sustained, targeted, and controlled drug delivery system. This Special Issue aims to collect recent advances, developments, and future prospects on the design, development, characterization, and biological evaluation of nanomedicine-based drug delivery systems for active therapeutic biomolecules.





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Message from the Editor-in-Chief

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