



Combination Therapeutic Delivery Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The utilization of multiple agents to treat a single disease has been increasingly investigated in the past few decades. Combination regimens that aim to act on multiple therapeutic targets may help to overcome drug resistance and alleviate dose-limiting toxicity arising from single agents and enhance pharmacologic activity through synergistic or additive effects, thus expanding the therapeutic window. Various combination delivery platforms and approaches have been investigated, aiming to leverage those benefits to further improve therapeutic outcomes. Those may include the design and fabrication of novel drug carriers (e.g., nano- and microparticles), incorporation of pharmacologically complementary agents, long-acting and/or ratiometric drug co-delivery, combination delivery of multi-modal agents (e.g., drugs, therapeutic vaccines, genes, radio/photosensitizers), etc. With these advanced delivery approaches, improved outcomes have been achieved in both preclinical and clinical investigations.





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Message from the Editor-in-Chief

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