



## Nanomaterials for Drug Delivery Application

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Deadline for manuscript  
submissions:

**closed (20 March 2022)**

### Message from the Guest Editor

The concept of drug delivery is undoubtedly one of the most promising developments we have witnessed in medicine and pharmacology. Classical systemic administration of drugs largely limits their efficacy and leads to numerous side effects, which are particularly damaging in cancer therapies. Drug delivery systems, on the other hand, can bring drugs or nucleic acids specifically to the targeted organs, cells, and even cellular compartments with no or minimal damage to healthy tissues. Nowadays, an ever-increasing toolbox of drug delivery systems is available; however, only a handful of drug delivery systems have made it from the laboratory stage to the market, and our understanding of their uptake mechanisms is rather limited.

In this Special Issue, we aim to cover recent advances in this vast and rapidly growing field and invite manuscripts on various nanomaterials for drug delivery, including liposomes, polymeric micelles and gels, electrospun and electrosprayed materials, DNA origami, protein and peptide assemblies, as well as other organic and inorganic nanoparticle drug carrier systems. We further welcome studies on targeting mechanisms, recognition, uptake, and drug release.





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## Message from the Editor-in-Chief

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