



Novel Drug Delivery Systems: Magnetic Gels

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Message from the Guest Editor

The lack of specificity in relation to drug delivery systems tends to result in inefficient therapeutic effectiveness and potentiates their possibly avoidable side effects. This is especially true in therapeutics such as chemotherapy where the side effects may lead to substantial suffering and greatly reduce survival rates.

The combination of hydrogels and functionalized magnetic nanoparticles into a single magnetic gel represents a truly promising approach to tackle the limitations of current drug delivery systems. The magnetic gels also present a huge multifunctional potential that does not only provide answers to several limitations of drug delivery, but also allows synergy with other therapeutics (such as magnetic hyperthermia) and enables simultaneous treatment diagnosis using a theranostics mindset.

In this Special Issue, authors are invited to submit their original research articles, reviews, or short communications which focus on the use of magnetic gels as novel drug delivery systems.





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Message from the Editor-in-Chief

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