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Nanocomposite Hydrogels and Their Applications in Targeted Drug Delivery

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Message from the Guest Editors

Dear Colleagues,

Nanocomposite hydrogels were developed using natural and synthetic polymers with enhanced mechanical and responsiveness properties, resulting in an enormous potential and advances for several biomedical applications. This Special Issue on “Nanocomposite Hydrogels and their Applications in Targeted Drug Delivery” focuses on original research papers and comprehensive reviews. This Special Issue aims to illustrate the recent development and future perspectives of nanocomposite hydrogels in targeted drug delivery; however, this is not limited to biomaterials, design and synthesis methods of nanocomposite hydrogels and nanocomposite smart hydrogels, characterization of hydrogels, crosslinking strategies, and biomedical applications.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

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