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## Hydrogels-Based Nanocomposites for Biomedical Applications

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Deadline for manuscript submissions:

**closed (30 June 2023)**

### Message from the Guest Editors

Hydrogels, which are synthesized by peptide-based molecule assembly through non-covalent interactions and can be administered via a local injection, exhibit high biocompatibility and biodegradation. Thus, hydrogels are commonly used to encapsulate drugs or growth factors to treat related diseases through sustained release.

This Special Issue will provide a comprehensive overview on the design, development and uses of nanomaterials for biomedical applications. At least 10 papers will be published in this SI, including research articles, reviews, short communications and various perspectives. Submissions should detail recent developments in the field of bionanomaterials, including key challenges and original perspectives. Topics of interest include: Wound healing, Multimodal imaging, Photothermal therapy, Photodynamic therapy, Drug delivery and Antibacterial activity.

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**Special** Issue



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## Editor-in-Chief

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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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