

gels



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Hydrogels with Appropriate/Tunable Properties for Biomedical Applications

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Message from the Guest Editors

Dear Colleagues,

Although a lot has been done to endow hydrogel different properties, it seems that excessive attention has been paid to increasing the 'intensity' of their different properties. For applications in different tissues, hydrogels are needed with various but not only high mechanical strength. Additionally, stretchable, light-responsive, and conductive hydrogels are appreciated in flexible and smart devices.

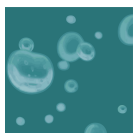
Fabricating hydrogels with appropriate/tunable properties is vital to expanding hydrogels' applications in the biomedical field. Hence, within this topic, we aim to share up-to-date advances in developing hydrogels with different properties for biomedical applications. Not only hydrogels with extremely 'strong' properties but also those with appropriate/tunable ones are welcomed in this topic. It is believed that developing hydrogels with appropriate properties fitting to a specific application will accelerate the clinical translation of hydrogels.

For more information, please visit: mdpi.com/si/107119



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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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