



gels



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Advances in Biomedical Hydrogels

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Deadline for manuscript submissions:
closed (15 August 2023)

Message from the Guest Editors

We are delighted to announce the launch of the Special Issue of *Gels*, “Advances in Biomedical Hydrogels”, which is dedicated to recent developments in biomedical hydrogels. As a new kind of biomedical material with excellent biocompatibility, hydrogel has aroused increasing interest of researchers from the fields of biomedicine and tissue engineering, including tissue repair, drug delivery, dental materials, blood purification, and wearable sensors. To ensure wider application of hydrogels in the biomedical field, the design and fabrication of functional hydrogels for the biomedical field are of great necessity.

This Special Issue focuses on the modification and biomedical applications of hydrogels. Relevant topics include, but are not limited to, tissue repair, drug delivery, dental materials, blood purification, and wearable sensors. We believe that the topic of this Special Issue can promote new research and new discoveries in the biomedical field of hydrogels. We look forward to receiving your contributions.

For more information, please visit: mdpi.com/si/117738



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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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