Special Issue

Advances in Stimuli-Responsive Polymer Gels

Message from the Guest Editors

In the field of polymers, stimuli-responsive gels have been explored thanks to the versatility of polymer chemistry. Stimuli-responsive gels can be viewed as state-of-the-art products of modern-day materials science, which have been demonstrated to exhibit highly responsive properties to various stimuli, including temperature, pH, magnetic fields, and so on. Up till now, stimuli-responsive gels have been widely used in the fields of drug delivery, wound repair, vaccines, catalysis, etc. This Special Issue encourages submissions related to the following topics, but is not limited to them: stimuli-responsive hydrogels, self-healing hydrogels, drug delivery, chromotropic hydrogels, fluorescence hydrogels, 3D-printed hydrogels, etc. It is our pleasure to gather manuscripts covering all aspects of stimuli-responsive gels, including their formulation, manufacturing technologies, and current applications, in this Special Issue of *Gels*. For more information, please visit: mdpi.com/si/116782

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Deadline for manuscript submissions

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About the Journal

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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