

Special Issue

Advanced Hydrogels for Controlled Drug Delivery

Message from the Guest Editor

I am inviting you to contribute to a Special Issue of *Gels* entitled “*Advanced Hydrogels for Controlled Drug Delivery*”. Gels remain at the forefront of soft matter science and engineering research. Due to their rich diversity of chain–solvent combinations, gels provide ever-growing options for exploring basic and applied chemistry, materials science, food science, pharmaceutical science and medicine. As open systems capable of exchanging energy and substances with their surroundings, gels have long served as a research platform for chemo-mechanical systems and drug delivery applications. Recent findings in vaccine immunology highlight the importance of “dose scheduling”, i.e., the spatiotemporal control of immune stimulators on a day-to-week timescale synchronized with autologous immune kinetics. The same method can be applied in cell engineering and regenerative medicine, challenging experts around the globe to develop advanced hydrogel technologies with this aim in mind. For more information, please visit: mdpi.com/si/119584

Guest Editor

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About the Journal

Message from the Editorial Board

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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