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Biodegradable Hydrogels

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Deadline for manuscript submissions:

closed (30 April 2021)

Message from the Guest Editor

The aim of this Special Issue is to bring together researchers who are active in the field of biodegradable hydrogels, particularly copolyester hydrogels. Various topics are welcome, for example, design and synthesis of biodegradable copolyester hydrogels and other hydrolysable hydrogels, and structure–properties relationships and their applications in the delivery of bioactive molecules and as tissue scaffolds, including studies on the mechanism of degradation, cytotoxicity, and others.

keywords

- Biodegradable hydrogels
- Hybrid degradable hydrogels
- Copolyester hydrogels
- Hydrolysable hydrogels
- Drug delivery
- Desorbable tissue scaffolds and others
- Design and synthesis of new hydrogel structures
- In situ curable hydrogels and biomedical applications



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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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