

Special Issue

Advances in Hydrogels for Biomedical Applications

Message from the Guest Editor

Hyaluronic acid (HA) hydrogel is widely used in biomedicine due to its biocompatibility, biodegradability, and nontoxic properties. Since the aim of this Special Issue “Advances in Hydrogels for Biomedical Applications” is to evaluate the specific flow, deformation properties and interaction with a cell environment of HA hydrogels and their possible applications in the dermatological and aesthetical fields, we encourage scientists, chemists, or clinical investigators to contribute with papers reflecting the latest progress in their research fields. The topics include, without being limited to:

- Injectable crosslinked hydrogels;
- Injectable non-crosslinked hydrogels;
- The mechanism and effect of physical/chemical crosslinked injectable hydrogels;
- Immune-regulated injectable gels.

Guest Editor

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Deadline for manuscript submissions

closed (30 January 2025)



Gels

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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.

Editor-in-Chief

Prof. Dr. Esmail Jabbari

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).