

## Special Issue

# Novel Polymer Gels: Synthesis, Properties, and Applications

### Message from the Guest Editor

Novel Polymer Gels: Synthesis, Properties, and Applications," with a focus on hydrogels, elastomers, and preparation methods:

Polymer gels, including hydrogels and elastomers, have emerged as versatile materials with a wide range of applications in various fields, including biomedicine, soft robotics, and environmental remediation. This special issue aims to gather the latest research and advancements in the synthesis, characterization, properties, and applications of novel polymer gels.

Contributions to this special issue can include original research articles, reviews, and perspectives that provide insights into the current state-of-the-art, challenges, and future directions in the field of novel polymer gels. The special issue welcomes submissions from researchers in academia, industry, and government laboratories, aiming to foster collaboration and innovation in this exciting and rapidly evolving field.

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### Guest Editor

Dr. Amin Babaei-Ghazvini

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### Deadline for manuscript submissions

closed (30 June 2025)



## Gels

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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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### Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 13.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).