

## Special Issue

# Food Hydrogels: Synthesis, Characterization and Applications

### Message from the Guest Editors

This Special Issue on Food Hydrogels: Synthesis, Characterization and Applications will showcase research papers and review articles exploring topics including, but not limited to, the following:

- Structure and composition
- Synthesis and characterization of food hydrogels
- Functional foods based on hydrogels
- Hydrogels improving stability and food shelf extension
- Controlled release of nutrients
- Food texture modification

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### Guest Editors

Dr. Esther Santamaría

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### Deadline for manuscript submissions

30 September 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.

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### Editor-in-Chief

Prof. Dr. Esmail Jabbari

Biomimetic Materials and Tissue Engineering Laboratory, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208, USA

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### Author Benefits

#### High visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q2 (Polymers and Plastics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 10.8 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2024).