

## Special Issue

# Advance in Supramolecular Gels

### Message from the Guest Editors

Supramolecular gels, which are generally formed by the self-assembly of small molecules through various non-covalent interactions, are currently an important class of soft materials attracting considerable interest in the field of sensing, catalysis, cell culturing, drug delivery, tissue engineering, environmental remediation, and optoelectronics. Due to the dynamic nature of non-covalent bonds, supramolecular gels show inherent dynamic and reversibility, differing from covalently cross-linked polymer gels which are usually static without additional tunability. Inspired by nature, the development of supramolecular gels has evolved into a much broader discipline, which makes it possible for gel materials to have more interesting and emergent functions.

On the basis of the great progress in the field of supramolecular gels in recent years, we organize this Special Issue on “Advance in Supramolecular Gels” with the aim to summarize the recent achievements in the design of gelators, the investigation of self-assembly mechanisms, self-assembly control, and the functionalization and potential applications of supramolecular gels, among other relevant topics.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 July 2023)



## 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

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