

## Special Issue

# Synthesis, Characterization and Pharmaceutical Applications of Gels

### Message from the Guest Editor

The continuous advancement and better understanding of the technologies involved in the synthesis and formulation of gels have enabled the development of novel gel systems with diverse applications. Gel systems, such as nanogels, smart gels, hydrogels, organogels, etc., all have pharmaceutical applications. I would like to provide a platform for scholars in related fields to collect and submit their latest research to this Special Issue, which encompasses the synthesis, optimization parameters, drug loading and release mechanisms, formulation and manufacturing considerations, and quality control monitoring properties of all types of gel systems that are either at research and development (R&D) stage, serving as pharmaceutical systems or already-established drug delivery systems. I am looking forward to receiving your submissions to this Special Issue.

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### Guest Editor

Dr. Kalliopi Dodou

School of Health & Life Sciences, Teesside University, Middlesbrough, UK

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### Deadline for manuscript submissions

closed (31 October 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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