Special Issue

High Performance Gels

Message from the Guest Editors

This Special Issue aims to present recent updates on the development, characterization, and potential application of high-performance gels. Potential topics include, but are not limited to, the following:

- Design, development, and in-depth characterization of gel-based micro- and/or nano-carriers.
- Study of stability, drug/compound-release kinetics, and release mechanisms of gel-based particles.
- Study of the functional properties of gel-based carrier formulation.
- In vivo biodistribution and pharmacokinetic studies of gel-based carriers.
- Pharmacological studies of gel-based carriers concerning human diseases.
- Toxicity aspects and biological safety of the gel-based carrier formulations in cellular and/or animal model.
- Clinical trial studies on the efficacy of bioactive compounds or drug-loaded gel-based carriers.
- Development of gel-based food and cosmetic products.

Guest Editors

Dr. Naymul Karim

Dr. Md Alim Uddin

Dr. Mohammad Rezaul Islam Shishir

Deadline for manuscript submissions

closed (30 January 2024)

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed

mdpi.com/si/152063

Gels
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
gels@mdpi.com

mdpi.com/journal/gels

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed

mdpi.com/journal/gels

MDPI

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

Author Benefits

High visibility:

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

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (Organic Chemistry)

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).