

Special Issue

Hydrogels for Biomedical Applications: New Sight

Message from the Guest Editor

Since the first biological application of hydrogels appeared in 1960, they have become an increasingly popular biomaterial. Today, there is a trend towards utilizing hydrogels as an interdisciplinary bridge across various biomedical fields, including pharmaceutical drug delivery, clinical therapies, surgeries, cosmetics, marketed products, and many more. This Special Issue aims to provide an overview of groundbreaking research related to hydrogels and their most relevant applications in biomedicine, and hopes to highlight the current and future state of biomedical hydrogel research. We hope that this Special Issue will provide the scientific community with novel insights regarding this ever-expanding field of research.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2025)



Gels

an Open Access Journal
by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/191435

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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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