Special Issue

Hydrogels for Drug Delivery 2020

Message from the Guest Editor

Many critical clinical problems have been shown to benefit from topical presentation of therapeutic agents, primarily through the elimination of side effects associated with systemic drug treatments. Hydrogels have been particularly appealing for such applications. Their constituent high water content and the physically or chemically crosslinked polymeric network allow control over hydrogel physicochemical properties, biodegradability, and overall spatiotemporal control of drug release profiles. This Special Issue is intended to highlight new approaches to hydrogel-based drug delivery systems design, drug incorporation, characterization, deployment, and applications.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2020)

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 10.3
Indexed in PubMed

mdpi.com/si/29921

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 13.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

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