gels

an Open Access Journal by MDPI

IMPACT FACTOR 5.3

Indexed in: PubMed

CITESCORE 7.6

Advanced Gelatin Materials for Regenerative Medicine

Guest Editors:

Dr. Wanting Niu
Biomedical Engineering, Regis College, 235 Wellesley Street, Weston, MA 02493-1572, USA

Dr. Ying Wang
Department of Biomedical Engineering, Binghamton University, State University of New York (SUNY), Binghamton, NY 10001, USA

Deadline for manuscript submissions:
25 February 2027

Message from the Guest Editors

Gelatin, a biocompatible and biodegradable polymer, offers tremendous potential in tissue engineering, drug delivery, wound healing, and far beyond. This Special Issue, entitled "Advanced Gelatin Materials for Regenerative Medicine", seeks to explore the innovative applications and research advancements in gelatin-based materials for regenerative therapies. We sincerely invite you to contribute original research, reviews, research communications, and case studies that delve into novel synthesis methods, functionalization techniques, and the integration of gelatin with other biomaterials to enhance therapeutic outcomes. We aim to provide a comprehensive platform for scientists, engineers, and clinicians to share breakthroughs that could revolutionize regenerative medicine, contributing to more effective and personalized medical treatments.

gels

IMPACT FACTOR 5.3 | Indexed in: PubMed | CITESCORE 7.6

an Open Access Journal by MDPI

Editors-in-Chief

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

Prof. Dr. Chuanliang Feng
State Key Lab of Metal Matrix Composites, School of Materials Science and Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
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)

Contact Us

Gels Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/gels
gels@mdpi.com
𝕏@Gels_MDPI