Special Issue

Hydrogel for Tissue Engineering and Biomedical Therapeutics

Message from the Guest Editor

Welcome to the Special Issue 'Hydrogels for Tissue Engineering and Biomedical Therapeutics', a platform dedicated to exploring the transformative potential of hydrogels in tissue engineering and biomedical therapeutics. This Special Issue aims to highlight the latest trends and breakthroughs in hydrogel research and promote a deeper understanding of their design, fabrication, and use. Hydrogels have shown exceptional promise in mimicking the cellular microenvironment for tissue regeneration and engineering. Their biocompatibility and tunable properties make them ideal candidates for targeted drug delivery, enabling more effective and less invasive therapeutic interventions. This Special Issue will serve as a compass to guide the future directions of hydrogel-based research and ultimately shape the landscape of tissue engineering and biomedical therapies.

Guest Editor

Dr. Hyun Jong Lee

Department of Chemical and Biological Engineering, Gachon University, Seongnam-si, Gyeonggi-do 13120, Republic of Korea

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

mdpi.com/journal/gels

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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

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