

Special Issue

Biopolymer Gel-Assisted Synthesis of Particles for Biomedical Applications (3rd Edition)

Message from the Guest Editor

We sincerely thank all authors, reviewers, and readers for their contributions to the second edition of this Special Issue, entitled “Biopolymer Gel-Assisted Synthesis of Particles for Biomedical Applications (2nd Edition)”, available at the following link: https://www.mdpi.com/journal/gels/special_issues/biopolymer_gel_II. Biopolymer gels, as cross-linked systems, are now widely used in various areas of biomedicine and pharmacotherapy. Depending on their chemical structure and polarity, biomacromolecular gels typically contain functional domains that can act as reactive sites for ion interactions, enabling the generation of functional hybrid particles. In biomedical research, these particles have broad relevance, including in bone and tissue engineering, surgical instruments and medical devices, neural engineering, cancer therapy, biomechanics, and medical imaging. We hope that this Special Issue will continue to provide the scientific community with a thorough overview of the current research on particle synthesis, characterization, and applications in the biomedical area.

Guest Editor

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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. Esmail Jabbari

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