

IMPACT FACTOR 5.0





an Open Access Journal by MDPI

Recent Advances in Smart Gels

Guest Editors:

Dr. Sunita Ranote

Center of Polymer and Carbon Materials of the Polish Academy of Sciences, M. Curie-Skłodowskiej 34, 41-819 Zabrze, Poland

Dr. Marta Musioł

Centre of Polymer and Carbon Materials, Polish Academy of Sciences, 41-819 Zabrze, Poland

Deadline for manuscript submissions:

closed (25 September 2024)

Message from the Guest Editors

Dear Colleagues,

To spotlight the possible advancements of smart gels and their applications in several fields, we are pleased to announce a new Special Issue on "Recent Advances in Smart Gels". This Special Issue focuses on synthetic approaches/methods, structure–property relationships, characterization techniques, simulations, and the application of smart gels in different fields. This Special Issue serves as a pivotal point to publish high-quality research papers as well as comprehensive review articles covering novel and state-of-the-art topics associated with smart gels from theoretical and experimental perspectives.

Both reviews and original contributions are welcome.

Dr. Sunita Ranote Dr. Marta Musioł Guest Editors













an Open Access Journal by MDPI

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

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.

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 - Q2 (Polymers and Plastics)

Contact Us