



gels



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Optical Characterizations of Gels

Guest Editors:

Dr. Tetsuharu Narita

Laboratory of Soft Matter Science and Engineering, ESPCI Paris, 75005 Paris, France

Dr. Jianzhu Ju

Department of Chemistry, University of Wisconsin-Madison, Madison, WI 53706, USA

Prof. Dr. Costantino Creton

Laboratory of Soft Matter Science and Engineering, ESPCI Paris, 75005 Paris, France

Deadline for manuscript submissions:

closed (20 June 2023)

Message from the Guest Editors

Dear Colleagues,

We are pleased to announce a Special Issue on the topic of “Optical Characterizations of Gels” in the journal *Gels*.

Over the last several decades, different optical characterization methods play important roles in the development of physical and materials science. The majority of these optical technologies have the advantage of non-destructive evaluation capability, facilitating in situ measurement during the transient and dynamic processes, which is extremely important in materials science, especially in non-equilibrium states. Abundant information in gels can be obtained from different optical measurements. This Special Issue will report cutting-edge research in the optical characterization of polymeric and colloidal gels. The Special Issue will cover the comprehensive collections of work including, but not limited to the characterization and development of gels made by diffraction/scattering techniques, microscopic techniques, and spectroscopy techniques spectroscopy, nuclear magnetic resonance.

Research and review articles covering the above topics or other relevant topics are welcomed for this Special Issue of *Gels*.



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Special Issue



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Editor-in-Chief

Prof. Dr. Esmail 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.

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Contact Us

Gels Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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