Message from the Guest Editors

Dear Colleagues,

Embedding inorganic, organic or biological nanoparticles in hydrogels allows one to prepare hybrid materials capable of responding to a variety of stimuli from the surrounding environment. Nanoparticles can be simply entrapped in hydrogels, prepared inside the hydrogels or functionalized to work as a crosslinker of polymer chains. Incorporation of nanoparticles into hydrogels modifies the swelling degree and the physicochemical and mechanical properties of the polymer network. In the case of magnetic nanoparticles, the application of static/alternating magnetic fields offers the possibility of addressing and remotely modulating drug release from hydrogels.

Prof. Dr. Rolando Barbucci
Dr. Andrea Atrei
Dr. Marianna Uva

Guest Editors

Deadline for manuscript submissions:
closed (30 November 2015)
Editor-in-Chief

Prof. Dr. David Díaz Díaz
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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, free publication for well-prepared manuscripts submitted before 1 July 2019.

High visibility: Covered by the Emerging Sources Citation Index (ESCI) in Web of Science and by Polymer Library; to be indexed in Scopus from Vol. 5 (2019). Citations available in PubMed, full-text archived in PubMed Central.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 18.7 days after submission; acceptance to publication is undertaken in 6.1 days (median values for papers published in this journal in the second half of 2018).

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