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Stimuli-Responsive Hydrogels and Microgels

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editor

Dear Colleagues,

Although stimuli-responsive gels have been studied for decades, they are continuing to inspire researchers to find new formulations that better meet the challenges associated with specific applications in medicine and various industries, as well as to understand their physical properties and related behavior. Regarding microgels, they have become a highly active topic of research not only for applied studies, where they introduced new concepts for smart drug release and rheological control, but also for fundamental studies, where they constitute an ideal “soft” colloidal system useful for gaining new insights into biomimetic behaviors and phenomena like glass formation.

This Special Issue is open to contributions on all aspects of recent progress in the attractive field of stimuli-responsive hydrogels and microgels, including synthesis, characterization, physical properties, and dynamical behavior and applications that exploit their features. Original research papers, brief communication reports, as well as review articles, whether experimental or theoretical, are all welcome.

Dr. Silvia Corezzi
Guest Editor



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Special issue



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Message from the Editor-in-Chief

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