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Crystal Growth in Gels

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Deadline for manuscript submissions:
closed (31 May 2019)

Message from the Guest Editors

We intend to invite researchers to submit their papers to this Special Issue of *Crystals* dedicated to "Crystal Growth in Gels". Manuscripts can be related to theoretical and/or experimental aspects of crystallization in gel media. For example, contributions discussing advanced experimental setups, nucleation and growth kinetics, polymorphsim, structure-properties relationships, gel-mediated synthesis of novel materials, intermolecular recognition and related energetic/thermodynamic aspects, surface properties, and computational simulations, will be welcome. See the keyword list below for further information on the covered topics.

Keywords:

- Gel techniques;
- Crystallization of biological macromolecules in gels;
- Crystallization of advanced materials in gel;
- Nucleation control and growth kinetics in gels;
- Mass transport mechanisms and supersaturation in gel media;
- Periodic precipitation phenomena;
- Metastable phase formation and polymorphs selection in gels;

etc.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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