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Advances in Pharmaceutical Crystallization

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Deadline for manuscript
submissions:

closed (15 August 2023)

Message from the Guest Editors

We are delighted to invite you to submit an article for a Special Issue of *Crystals* titled “Advances in Pharmaceutical Crystallization”.

Crystallization is widely used in the pharmaceutical industry for the production of drug substances as well as for purification and separation to obtain good-quality crystals. Controlling the critical quality attributes (CQAs) such as crystal size, size distribution, morphology, purity, chirality, and form is very crucial during pharmaceutical crystallization as the CQAs not only affect the downstream processes such as filtration, drying, or milling, but also influence the drug’s solubility, dissolution rate, and, therefore, its bioavailability. This Special Issue is intended to highlight recent breakthroughs in the field of pharmaceutical crystallization for better control of such crystal attributes. Papers related to experimental studies, theory, and simulations that contribute to the fundamental understanding of single or multicomponent crystallization are highly encouraged.



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Special Issue



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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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