Special Issue

Advances in Functional Cocrystals

Message from the Guest Editors

The current Special Issue on “Advances in Functional Cocrystals” serves as an excellent international platform to report results. The potential topics include, but are not limited to:

- crystal engineering and supramolecular chemistry
- cocrystals, pharmaceutical cocrystals, functional cocrystals
- supramolecular synthesis, homo and heterosynthons
- salts, polymorphs, hydrates, solvates, eutectics, coamorphous compounds
- pharmaceuticals/ drug development/ solid dosage form
- nutraceuticals/agrochemicals/optical/ magnetic/explosive materials
- x-ray diffraction (single crystal x-ray diffraction, powder x-ray diffraction)
- thermal, spectroscopy and advanced analytical characterizations
- structure-property relationships
- physicochemical properties, micromeritics, biopharmaceutical properties
- solubility, dissolution rate
- permeability, pharmacokinetic and pharmacodynamic properties
- physical stability, hygroscopicity, chemical stability and photostability
- mechanical properties, tabletability, compressibility
- mechanical grinding, neat and liquid assisted grinding
- solution and solvent-free crystallizations
- cambridge structural database
- crystal structure prediction

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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