



## Advanced Technologies for Analysis, Directed Optimization and Delivery of Protein Crystallization

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Deadline for manuscript submissions:

**closed (31 July 2019)**

### Message from the Guest Editors

This Special Issue aims to summarize and provide insight regarding the latest methods in crystallogenesi s to produce micro- and nano-sized crystals, besides conventional single crystal production, in vitro and in vivo. Further, particular methods to characterize crystalline suspensions will be included. In summary, this Special Issue will be of interest for crystal growth experts, as well as for young scientist and scholars interested in the field.

The keywords are:

- Distinct crystals growth
- In-vivo crystallization
- Crystal nucleation and liquid dense protein clusters
- Crystal growth for neutron diffraction
- External electrical and magnetic fields
- Microgravity crystallization
- Mass transport in crystallization
- In situ analysis of crystals
- In situ optimization of crystals
- Physicochemical characterization of crystals
- Scoring crystal suspensions
- Instrument and software development
- Crystal delivery for XFEL and Synchrotron radiation sources





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## Editor-in-Chief

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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 crystal, where science merges with beauty and innovation.

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