



Bulk Protein Crystallization

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Deadline for manuscript
submissions:

closed (21 May 2021)

Message from the Guest Editors

Dear Colleagues,

With the contribution of experts from chemical engineering, biotechnology and biochemistry, mathematics, and physics, this Special Issue is intended to contribute with robust and scalable protein crystallization strategies to boost its implementation in the pharmaceutical and biotechnological industry. Reports on the following topics are welcome:

- Strategies to enhance the crystallization efficiency and decrease the process time;
- Strategies to enable the rapid establishment of phase diagrams;
- Advanced imaging, spectroscopy, and light scattering techniques;
- Modelling of protein crystallization processes (population balance modelling, etc.);
- Crystallization from “impure” protein solutions;
- Influence of hydrodynamics (mixing, shear, etc.) on protein crystallization.





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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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