Special Issue

Prospective Research in Protein Crystallography

Message from the Guest Editors

The field of protein crystallography remains a for study, requiring a detailed understanding of the structure and function of biomolecules, with critical applications in areas such as drug design, structural biology, and biotechnology.

Advances in computational platforms have enabled increasingly accurate structural predictions, offering a powerful tool to complement and guide crystallographic studies, particularly in the modeling of complex protein structures and in situations where crystallographic data are incomplete. Molecular dynamics simulations and other advanced computational methods also play a crucial role in understanding protein dynamics and function, providing a more complete view that complements static structural models.

In summary, this Special Issue focuses on exploring the current state and prospects of protein crystallography. We invite researchers to present their work in areas such as crystallization, data analysis, new technologies, and the integration of experimental and computational approaches to advance the knowledge and applications of crystallography in structural biology.

Guest Editors

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Deadline for manuscript submissions

closed (1 March 2025)

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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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