Special Issue

Macromolecular Crystallography: Progress and Prospects

Message from the Guest Editors

X-ray diffraction is a prime technique to reveal the three-dimensional structures of biological molecules (proteins, viruses, and nucleic acids) to atomic resolution (~1-3 Å). Static crystallographic snapshots have been used in revealing the detailed mechanisms by which macromolecules carry out their functions. Recent technical developments have made it possible to observe the structural dynamics of macromolecules and their complexes through various diffraction techniques available at third- or fourth-generation synchrotrons. We invite researchers to contribute to this Special Issue on "Macromolecular Crystallography: Progress and Prospects", which is intended to serve as a unique forum covering broad aspects and the current status in macromolecular crystallography.

Guest Editors

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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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