

## Special Issue

# Recent Advances in Protein Crystallography

### Message from the Guest Editor

The field of the structural biology is thriving owing to several so-called “revolutions”, such as the advent of X-ray Free Electron Lasers, remarkable improvements in detectors’ resolution for Cryo-electron Microscopy and many other important developments in all aspects of the field: Protein expression, purification, crystallization, data processing and analysis, and so on. We decided to compile this Special Issue on “Recent advances in Protein Crystallography” to summarize the current progress and the state-of-the-art of the structural biology. Authors are encouraged to submit their manuscripts covering topics expressed in the keywords below. Keywords

- Structural biology
- Protein crystallography
- Membrane proteins
- Protein crystallization
- X-ray Free Electron Laser
- Cryo-Electron Microscopy
- Protein Expression and purification
- Data processing and analysis
- Refinement and validation
- Biophysical characterization

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### Guest Editor

Dr. Albert Guskov

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### Deadline for manuscript submissions

closed (31 December 2017)



## Crystals

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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.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli  
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