

Special Issue

A New Frontier in Biomineral Interactions and Biomineralization

Message from the Guest Editors

We welcome original research papers and reviews on biomineralization in the broadest sense of this unique phenomenon, encompassing all crystallization processes that occur in living organisms or with their active participation. We are awaiting the results of research on the findings of biominerals in nature (including in land plants), on the modeling of their formation, crystal chemistry and unique properties. We also hope to receive new data on the structure and properties of bone tissue, on new biomimetic and bioinspired materials, and nature-like biotechnologies.

Guest Editors

Prof. Dr. Olga V. Frank-Kamenetskaya

Prof. Dr. Dmitry Vlasov

Dr. Alina R. Izatulina

Prof. Dr. Elena Sturm

Deadline for manuscript submissions

closed (30 November 2022)



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Crystals
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

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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

Prof. Dr. Alessandra Toncelli

Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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