

## Special Issue

# Biomaterials for Medical and Dental Applications

### Message from the Guest Editors

Biomaterials are a unique group of materials whose special features are biocompatibility and bifunctionality, which determine the proper adaptation of the material in the tissue environment. This Special Issue on “Biomaterials for Medical and Dental Applications” aims to publish research and review articles on biomaterials’ applications and will cover several topics, including but not limited to: New technology and biomaterials for regenerative medicine; Novel biomaterials for orthopedic/musculoskeletal tissue engineering; Novel biomaterials for regenerative medicine; Surface functionalization or biomaterial modification; In vitro and in vivo study of osseointegration; Metallic biomaterials for medical applications; Development of new metallic alloys for biomedical applications; Biodegradable biomaterials and metallic implants in the tissue environment; Material–tissue interfaces: the role of surface; Toxicology and biocompatibility of biomaterials.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2023)



## 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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