



## Single Crystals for Biomedical Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editor

Dear colleagues,

Single crystals, either organic or inorganic, have already been used in a wide range of biomedical applications (transducers, sensors, scintillators, wavelength shifters, etc.). Their unique properties have been applied or suggested for use in a huge range of medical modalities.

Being honored to serve as a Guest Editor, I hereby invite all colleagues who work on “Single Crystals for Biomedical Applications” to contribute to this issue. Topics relating to issues such as the efficiency of single crystals, new crystalline materials for biomedical ionizing and non-ionizing radiation applications, under energies covering X-rays, nuclear medicine and radiation therapy, integration of single crystals into medical devices, theoretical calculations, etc., are welcome.

Prof. Dr. Ioannis G. Valais  
*Guest Editor*





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## Editor-in-Chief

**Prof. Dr. Alessandra Toncelli**

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## 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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