

Special Issue

The Biological Applications of Metals and Metal Complexes

Message from the Guest Editors

This Special Issue will provide recent insights into the applications of metals and their complexes in biology and biomedicine. A wide range of topics is welcomed, including the use of metals and their complexes for biomolecule detection, bioremediation, bioaccumulation; as sensors, probes and enzyme inhibitors; metals for health applications; for the prevention, therapy and diagnosis of diabetes and neurological diseases; and as antiviral, antimicrobial and anticancer agents and additives in macromolecular crystallography. For this Special Issue, we are looking forward to receiving regular research papers, reviews and short communications.

Guest Editors

Prof. Dr. Manuel Aureliano
Dr. Nadiia I. Gumerova
Prof. Dr. Annette Rompel

Deadline for manuscript submissions

closed (31 July 2022)



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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

Prof. Dr. Yong Zhang

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CiteScore - Q1 (Metals and Alloys)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18.7 days after
submission; acceptance to publication is undertaken in 2.7
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the second half of 2025).