

Special Issue

Metallo drugs: Mechanisms of Action, Molecular Targets and Biological Activity

Message from the Guest Editors

Since the serendipitous discovery of the cytotoxic activity of cisplatin at the end of the 1960s, Pt- and non-Pt-based compounds have been extensively studied as potential anticancer agents. Metal compounds also play an important role in clinics as antimicrobial, antiviral or antiarthritic agents.

This Special Issue of International Journal of Molecular Science on “Metallo drugs: mechanisms of action, molecular targets and biological activity” aims to collect original contributions, letters or review articles describing recent advances in this field.

Topics include, but are not limited to, the synthesis and characterization, including structures and applications, of novel metal compounds with biological activities, insights into stability and reactivity of these compounds, insights into the mechanism of action, potential targets, and biological activity of metallo drugs. The Issue will also collect articles describing the interaction of metallo drugs with biological macromolecules, based on experimental techniques (NMR, X-ray crystallography, mass spectrometry etc.) or using computational approaches.

Guest Editors

Prof. Dr. Antonello Merlino

Department of Chemical Sciences, University of Naples Federico II (Complesso Universitario di Monte Sant'Angelo), Via Cintia, 80126 Napoli, Italy

Dr. Giarita Ferraro

Department of Chemical Sciences, University of Naples Federico II (Complesso Universitario di Monte Sant'Angelo), Via Cintia, 80126 Napoli, Italy

Deadline for manuscript submissions

closed (15 July 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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