



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

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Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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