

Special Issue

Metal Complexes: From Synthesis to Pharmacological Studies and Application

Message from the Guest Editors

Metal complexes have emerged as an important class of compounds in medicinal chemistry due to their unique structural diversity, tunable physicochemical properties, and broad spectrum of biological activities. Advances in synthetic methodologies, structural characterization techniques, and biological evaluation have significantly expanded our understanding of the relationship between coordination chemistry and pharmacological activity. This Special Issue aims to bring together high-quality contributions addressing the synthesis, structural characterization, and biological investigation of metal complexes with pharmacological potential. We encourage the submission of original research articles as well as review papers covering experimental and theoretical approaches to the development of bioactive metal complexes. Studies involving biomolecular interactions, molecular docking, computational modeling, and in vitro or in vivo pharmacological investigations are also welcome.

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