



Metal Complexes Diversity: Synthesis, Conformations, and Bioactivity

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Message from the Guest Editors

Dear Colleagues,

Metal complexes occupy a pivotal position across diverse fields, including catalysis, material science, and medicine.

The synthesis of metal complexes is a meticulous process that requires the careful selection of metal ions and ligands, along with the precise control of reaction conditions, to yield desired structures. The conformational properties of metal complexes are influenced by multiple factors, including the coordination geometry of metal ions, ligand flexibility, and intermolecular interactions. On the other hand, the biological activities of these complexes are intricately linked to their interactions with biological systems, such as enzymes, receptors, and nucleic acids.

In conclusion, this Special Issue delves into the fascinating realm of metal complex diversity, encompassing their architecture, synthesis, conformational properties, and biological activities. This comprehensive exploration holds immense promise for the advancement of new catalysts, materials, and drugs, offering enhanced performance and specificity.





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Message from the Editor-in-Chief

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