Special Issue

Metal Complexes Diversity: Synthesis, Conformations, and Bioactivity

Message from the Guest Editors

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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Deadline for manuscript submissions

31 October 2025

Inorganics

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 4.1

mdpi.com/si/198854

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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