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Schiff-Base Metal Complexes

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Message from the Guest Editor

Dear Colleagues,

Schiff-base metal complexes represent one of most popular and studied families of coordination compounds. Thanks to their flexible synthetic routes, which allow the achievement of many structures, and the variability of the electronic and structural properties induced by the coordinated metal center, these compounds exhibit many characteristics. Indeed Schiff-base metal complexes are involved as crystalline, polymeric, supramolecular, mesogenic, nanostructured materials or metal-organic frameworks, having variegated photophysical, magnetic, and electronic properties, with potential application in the field of catalysis, as sensors, OLED, solar cells, and cell imaging. Much of the interest for this family of complexes is also related to their antimicrobial/antibacterial activity. This Special Issue aims to provide a collection of reviews and research articles on recent advances in all the above aspects involving metal Schiff-base complexes, to offer to researchers and readers a forum of discussion and scientific exchange.

Prof. Dr. Santo Di Bella

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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