



Metal Complexes with N-donor Ligands

Guest Editor:

Dr. László Kótai

Institute of Materials and
Environmental Chemistry,
Research Centre for Natural
Sciences, Magyar Tudósok
Körútja 2, H-1117 Budapest,
Hungary

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Message from the Guest Editor

Dear Colleagues,

Complexes of metals with N-base ligands like ammonia, amines, urea derivatives, or N-heterocycles are a highly important class of compounds in chemistry, biochemistry, and material science. Many enzymes comprise these kinds of metal complexes. Coordination chemistry of metal complexes with N-bases, including structural features and ligand–central atom or ligand–anion interactions in the solid or solution phase, offers facile routes to prepare and study such industrially important materials. For instance, the interaction of oxidizing anions with reducing N-base ligands within these complex compounds can result in mixed oxides in nanometric size that can be used as catalysts in various technologically important reactions such as CO₂ reduction, Fischer–Tropsch synthesis, CO oxidation, etc.

This Special Issue of *Inorganics* highlights the chemistry of metal complexes containing N-base ligands (ammonia, amines, urea and pyridine, or other N- heterocycle derivatives) and their relevance to science and industry.

Dr. László Kótai

Guest Editor





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Editor-in-Chief

Prof. Dr. Duncan H. Gregory

School of Chemistry, University of
Glasgow, University Avenue,
Glasgow G12 8QQ, UK

Message from the Editor-in-Chief

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Inorganics Editorial Office
MDPI, St. Alban-Anlage 66
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