



Metal Complexes of Biological Ligands

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The coordination chemistry of biometals, e.g., Cr, Mn, Fe, Co, Ni, Cu, Zn, and Mo, with biological ligands, comprises an important part in the field of the rapidly-growing Bioinorganic Chemistry. Metal complexes with bioligands play a decisive role for the understanding of biochemical processes. New results on metal complexes with essential biological ligands, amino acids, peptides, proteins, sugars, polysaccharides, nucleobases, nucleosides, DNA, RNA and natural macrocycles (e.g., porphyrins, haemes) find great interest, from structural, biochemical and even medicinal aspects. Other relevant bioligands are naturally-occurring heterocycles, sulfur ligands, phosphates, natural products, e.g., alkaloids, flavine, and vitamins. Metal complexes with nitrogen, carbon monoxide, nitrogen monoxide, oxygen, and carbon dioxide may exhibit biological aspects. For this Special Issue, bio-inspired model complexes are also highly welcome.

Researchers in this field are kindly invited to submit their results to this Special Issue. We are looking forward to receiving many fascinating reports.

Prof. Dr. Wolfgang Beck

Guest Editor





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Message from the Editor-in-Chief

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