Special Issue

Metal Complexes of Biological Ligands

Message from the Guest Editor

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.

Guest Editor

Prof. Dr. Wolfgang Beck

Department Chemie, Ludwig-Maximilians-Universität, München, Germany

Deadline for manuscript submissions

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Molecules
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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