Special Issue

Coordination Complexes of 3d Metals as Anticancer, Antiviral, Antimicrobial, Antifungal and Anti-inflammatory Agents

Message from the Guest Editors

Some of the *3d* Metal ions play crucial roles not only as essential elements for life but also their coordination compounds have been recognized as potentially important in biological systems and as pharmaceutical drugs. Many of the *3d* metal complexes revealed antitumor, antiviral, antimicrobial, antifungal, antidiabetic, antioxidants, antiproliferative and anti-inflammatory agents as well as anti-Alzheimer disease. In most cases, the complexes revealed superior activity than that exhibited by their parent free ligands. This Special Issue is aimed to shed light on the recent developments of the rich *3d* coordination complexes as potential biological active compounds emphasizing their roles as anticancer, antiviral, antimicrobial, antifungal and anti-inflammatory agents.

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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.

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