

Special Issue

Advances in the Domain of Organometallic Antioxidant and Anticancer Agents

Message from the Guest Editors

Organometallic agents have attracted extensive interest in inorganic and medicinal chemistry. The last ten years witnessed the rise of several bioactive organometallic compounds with anticancer and antioxidant activities. The most interesting organometallic compound, cis-platin, was discovered in the late 1970s, and since then many agents have been developed with diverse applications. These include synthetic (e.g., catalysis), medicinal (e.g., anticancer, antimicrobial, and theranostic), and industrial (e.g., polymer production) applications. In this Special Issue, we wish to cover the most recent advances in the synthesis of organometallic compounds with potential antioxidant and anticancer activities and their underlying mechanism(s) by hosting a mix of original research articles and short critical reviews.

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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