Special Issue

Metal-Based Complexes for Therapeutic Applications

Message from the Guest Editors

In this Special Issue, emphasis is given to the plethora of natural metal-based complexes (i.e., porphyrins), as well as synthetic ones, with a plethora of recognized anti-inflammatory and antithrombotic effects.

The ability of such metal-based compounds to inhibit specific thrombo-inflammatory processes in several cells (i.e., platelets, leukocytes, endothelial cells, etc.) and tissues, either in vitro and/or ex vivo, or even in vivo, renders them candidates not only for anti-inflammatory and antithrombotic pharmaceuticals, but also as potential protective and therapeutic compounds against thrombo-inflammatory manifestations in several disorders, including anti-tumor effects against several types of cancer.

We invite you to contribute to this Special Issue research articles on promising metal-based complexes with well-established in vitro and ex vitro anti-inflammatory and antithrombotic properties possessing therapeutic potential against tumors, and other inflammation-related disorders, as well as relevant comprehensive or systematic reviews and meta-analysis studies.

Guest Editors

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Deadline for manuscript submissions

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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.

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