Special Issue

Synthesis and Innovative Biological Activity of Boron-Containing Compounds

Message from the Guest Editors

The applications of boron-containing compounds (BCCs) in the biomedical field are intensifying. The identification of new BCCs from nature or via synthesis increases the feasibility of using BCCs to create drugs with comparative advantages to those of drugs available today. A deeper understanding of the relevance of boron atoms in biomolecules is emerging, while the details of innovative synthesis, chemical characterization, elucidation of mechanism of action, as well as the interactions of known targets for prevention, diagnoses, or therapy purposes, are attractive topics in the medicinal chemistry of BCCs. Therefore, we invite you to share your novel ideas and achievements, including innovative synthesis of potential bioactive boron-containing compounds, computational chemistry, biophysical characterization, or any type of biological effect of BCCs with potential application to prevent, diagnose, or treat diseases by contributing original papers and reviews to this Special Issue of *Inorganics*.

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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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