

Special Issue

Synthesis, Characterizations and Applications of Bioactive Heterocyclic Compounds

Message from the Guest Editors

Heterocyclic compounds are cyclic organic compounds that contain at least one carbon atom and at least one other element such as nitrogen, oxygen, or sulfur. Heterocyclic compounds are essential to life as they are widely distributed in nature. The synthesis and characterizations of bioactive heterocyclic compounds plays a central role in drug discovery arena and has been one of the most active research areas for decades. This special issue of the open access journal, *Molecules*, devoted to Synthesis, Characterizations and Applications of Bioactive Heterocyclic Compounds. Researchers are cordially invited to contribute original research papers or reviews to this special issue of *Molecules*.

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About the Journal

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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