

Special Issue

Advances in Heterocyclic Synthesis, 2nd Edition

Message from the Guest Editor

Heterocycles have a significant impact in several areas of chemical research, such as organic, bio-organic, medicinal, and material chemistry. Such compounds are valuable ligands, auxiliaries, and catalysts, as well as key synthetic intermediates in organic synthesis. Moreover, heterocycles represent structural cores of bioactive natural products, pharmaceuticals, agrochemicals, polymers, and materials. Given their widespread appeal, a number of new methodologies for the assembly and the functionalization of heterocycles continue to appear in the literature every year. This Special Issue aims to present new developments in the field of heterocyclic chemistry. Potential topics include (but are not limited to) the sustainable synthesis of heterocyclic compounds, one-pot or multicomponent reactions, and the synthesis of biologically relevant heterocycles.

Guest Editor

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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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