

Special Issue

Sustainable Chemistry in the Organic Synthesis of Bioactive Compounds

Message from the Guest Editors

Sustainable development is the new goal of modern society, for achieving “a healthy and productive life in harmony with Nature”. Chemistry plays a pivotal role in maintaining and improving our quality of life, the competitiveness of the chemical industry, and the natural environment. Starting from this, the twelve principles of green chemistry serve as excellent guidance when considering the environmental impact of any chemistry. Among them, the integration of green chemistry and engineering principles into the pharmaceutical industry is encouraged. With this aim, a wider pool of clean technologies could be customized for the synthesis of key molecules with biological activity. This Special Issue welcomes original research on the development of ecofriendly processes useful not only for organic synthesis but especially for medicinal chemistry. The scope is broad and includes (1) the use of renewable feedstocks, (2) the employment of alternative energy sources, (3) the use of non-toxic solvents, (4) catalysis, and (5) hazard reduction and waste minimization

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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