

Special Issue

Green Methodologies for the Synthesis of Active Pharmaceutical Ingredients and Drug-Like Compounds

Message from the Guest Editors

This issue aims to face up the recent progresses made in the field of green chemistry and sustainable technologies applied to the synthesis of drugs. We believe that this issue is timely and challenging due to its multidisciplinary nature arising from a combination of catalysis, green chemistry and medicinal chemistry. In detail, the topics covered will be: (1) green approaches to the synthesis of drug-like compounds, synthons, and APIs; (2) catalytic methods (bio-, photo-, electro-, metal-catalyzed methods) in the synthesis of drugs; (3) chemical reactions in benign solvents for the synthesis of drugs (i.e., ionic liquids, deep eutectic solvents); and (4) flow, multicomponent, and combinatorial processes which avoid the isolation of synthetic intermediates.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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