

Special Issue

Medicinal and Aromatic Plants as Source of Bioactive Compounds: Chemical Characterization and Bioactivity

Message from the Guest Editor

Medicinal and aromatic plants have long been used in healthcare as drugs or dietary supplements. Pure compounds or standardized extracts from medicinal and aromatic plants provide unlimited opportunities for new drug leads because of the unmatched availability and chemical diversity of bioactive principles. This Special Issue aims to gather updates and recent advances on medicinal and aromatic plants as sources of bioactive compounds. This Special Issue may include full articles and reviews focused on new extraction procedures, the isolation and characterization of biologically active compounds, as well as in vitro and in vivo studies of the biological properties of extracts, fractions, and isolated compounds which could potentially be explored for the development of pharmaceuticals, cosmeceuticals, and nutraceuticals.

Guest Editor

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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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