

Special Issue

The Antioxidant Capacities of Natural Products

Message from the Guest Editor

Antioxidant abilities are one of the main pursued bioactive mechanisms, due to their role in the prevention of oxidative-stress events and their related diseases, such as inflammation, cardiovascular diseases, aging related disorders, cancer, among others. This perception, along with general consumers' acceptance of natural products, make antioxidants from natural origin very attractive to be used as health-promoting agents in a variety of products, including functional foods, supplements, cosmetics and pharmaceuticals. Contributions for this Special Issue, both in form of original research and review articles, may cover all aspects of antioxidants from natural products, including their extraction by conventional and non-conventional methods; purification and structural characterization of new compounds; in vitro and in vivo biological activities of extracts, isolated compounds or new formulated products; structure-bioactive relations; interaction with other substances in the formulated matrices; bioavailability and innovative delivery systems for antioxidants; safety and stability of new formulated products.

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 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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