

Special Issue

Antioxidant Activity of Natural Products: 2nd Edition

Message from the Guest Editors

There is growing interest in the activity and composition analysis of phytochemicals in natural products, especially in recognition of novel antioxidants with specific biological activities. Some new techniques have recently been proposed for the rapid recognition of novel antioxidants with specific biological activities in natural products without purification; these include ligand fishing, microfluids, disease-model-based metabolomics (cell or animal), etc. Furthermore, the biological activities of antioxidants can be evaluated in a more comprehensive, rapid, and accurate manner, and the antioxidant mechanisms can also be clearly illustrated. This Special Issue aims to highlight recent advances in the development of new methods for the rapid recognition of natural antioxidants with specific biological activities, finding new antioxidant resources from natural products, discovering novel antioxidants, and understanding their antioxidant activities and mechanisms.

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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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