

Special Issue

Bioactive Compounds from Plants with Pharmaceutical Interest

Message from the Guest Editors

Numerous studies have revealed antioxidant and anti-inflammatory activity of natural plant products that could be related to their protective role in human immune response and the development of various chronic diseases. Although a great number of natural bioactive products have already been isolated and investigated, this is still less than 10% of the plant medical treasury. Nature is still an endless source of medical drugs that are waiting to be discovered.

This Special Issue aims at providing the state of the art in the field of bioactive secondary plant products of special pharmaceutical interest and to bring together contemporary research of the chemical, biological, and pharmacological properties of natural plant products. Special emphasis is given to the mechanism of action, structure–activity relationships (SAR), bioavailability and efficacy, novel improved herbal drug formulation, etc. We expect that combined, submitted articles will give a realistic assessment of the value of natural plant products to future pharmaceutical discovery.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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