Special Issue

Secondary Metabolites in Plant Foods

Message from the Guest Editor

Secondary metabolites in plants are not directly involved in the normal growth, development, and reproduction of the organism. They contribute to sustaining the overall functional status of the cells within organ systems. The network of metabolites, working with enzyme reactions during the entire process of metabolism, is called the metabolome. The metabolome involves/implicates all the series of combinations of cascading reactions between enzymes and substrates in the steps of metabolism, and ending in the production of all metabolites. Plants are an important source for the discovery of new products of medicinal value for drug development and plants' secondary metabolites are unique sources for pharmaceuticals, food additives, flavors, supplements, cosmetics, and other industrial values. This Special Issue aims to identify and review the latest bioactive compounds that have been demonstrated to have beneficial effects for consumers.

Guest Editor

Prof. Dr. Jesus Simal-Gandara

Department of Analytical and Food Chemistry, Food Science and Technology Faculty, University of Vigo, 32004 Ourense, Spain

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules

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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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