

Special Issue

Catechins and Other Plant Polyphenols: From Nature to Medical Applications

Message from the Guest Editors

Plants contain various polyphenols, which are believed to serve as self-defense agents. These include flavonoids, such as isoflavones, flavanols, and proanthocyanidins. After the success of two previous editions (Catechin in Health and Diseases (2018) and Catechins in Human Health 2020 (2020)), this Special Issue is intended to provide a forum for the latest information on the health-beneficial activities of polyphenols, including catechins. In order to maintain the high quality of this Special Issue, the Editors request that the authors submit their manuscripts according to the following criteria: data which provide dose- and time-dependent effects in animal and cell-based experiments; for cell-based experiments, data from multiple cell lines should be presented. Cell-based and animal studies on plant extracts without having identified polyphenol compound(s) as being responsible for the bioactivity are not within the scope of this Issue.

Guest Editors

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Deadline for manuscript submissions

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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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