



Research on Polyphenolic Compounds from Fruits and Vegetables: Extraction, Chromatographic Analysis, and Biological Properties

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Message from the Guest Editor

Dear Colleagues,

Phenolic compounds are ubiquitous in plants which collectively synthesize several thousand different chemical structures characterized by hydroxylated aromatic ring(s). These compounds play several important functions in plants. They represent a striking example of metabolic plasticity, enabling plants to adapt to changing biotic and abiotic environments and provide to plant products color, taste, technological properties, and putative health-promoting benefits. Phenolic compounds represent the most studied phytochemicals and have been widely exploited as model systems in different areas of plant research. These components are known as secondary plant metabolites and also possess antimicrobial, antiviral, and anti-inflammatory properties, along with their high antioxidant capacity. The aim of this Special Issue is to provide information on the most recent developments in the chemical investigation of polyphenols, emphasizing the extraction, separation, and analysis of these compounds via chromatographic and spectral techniques.

Dr. Ireneusz Kapusta

Guest Editor





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Message from the Editor-in-Chief

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