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Analytical Techniques for the Determination of Bioactive Food Compounds

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Message from the Guest Editor

Plant-based foods are a good source of bioactive compounds—natural substances that provide health benefits beyond their nutritional value. Due to the link between diet and disease treatment/prevention, there is growing interest in the identification of these compounds in relation to desired activities. Several analytical techniques can be used to identify bioactive compounds in foods. Among them, chromatographic and spectrophotometric complementary techniques are most commonly employed for qualitative/quantitative determination of bioactive compounds and comprehensive food characterization through the use of metabolic fingerprints and metabolite profiling. In addition, capillary electrophoresis and nuclear magnetic resonance can be employed for analytical purposes. This Special Issue will include a collection of research and review articles that detail recent advances in the analysis of bioactive compounds from foods, particularly plant-based foods. We invite authors to submit relevant articles that contribute to an increase in knowledge in this area of research.

Dr. Celia Rodriguez Perez
Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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