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Chemical Composition, Biological Activity and Function of Plant-Based Foods

Guest Editor:

Prof. Dr. Kristina Ramanauskienė

Department of Clinical Pharmacy, Faculty of Pharmacy, Lithuanian. University of Health Sciences, Sukileliai Avenue 13, LT-50162 Kaunas, Lithuania

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Message from the Guest Editor

Plants are a primary source of biologically active compounds that are utilized in the development of functional pharmaceuticals, foods. and dietary supplements. Biologically active compounds such as phenolic acids, flavonoids, carotenoids, phytosterols, and others are beneficial for human health. The application of plant-derived biologically active compounds is associated with antioxidant, anti-inflammatory, etc. The search for new biologically active molecules, their extraction from plant materials, standardization, and studies on their biological uptake are important scientific stages for their safe practical application.

This Special Issue is intended for academic researchers and other specialists to share their latest works and contributions in advancing knowledge across various fields. The prominent themes suggested for publication in this Special Issue encompass, but are not limited to, the following: technologies for the extraction of biologically active compounds from plants, chemical composition analysis, extract standardization, in vitro studies of biological activity, and assessment of the quality of functional foods and dietary supplements.



Specialsue





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Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

Message from the Editor-in-Chief

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