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Advances in Functional Food Products Derived from Plant

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Message from the Guest Editors

A healthy lifestyle and appropriate food intake are getting more and more attention. Natural substances are more desirable and safe for our organs than synthetic vitamins, thus functional food products gain popularity.

The valuable biological activities, such as antiradical, antiviral, and calmin activities, are results from secondary plant metabolites. Among them are polyphenols, flavonoids, and terpenes, which are gaining in popularity in pharmacy nowadays. Most studies based on secondary plant metabolites are performed in in vitro conditions but biological activity is significantly different in in vitro and in vivo conditions, therefore consideration of the difference is crucial for functional food products.

In this Special Issue, articles (original research papers, perspectives, hypotheses, opinions, reviews, modeling approaches, and methods) that focus on functional foods products (FFPs) derived from plants, including new FFPs, extraction methods, biological activities, secondary plant metabolites, dedicated functional food products, and methods used for analysis of FFPs and influence of FFPs on selected disorders are most welcome.



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Special *issue*



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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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