

Special Issue

Application of Natural Bioactive Components to Improve the Nutritional and Health-Related Properties of Food Products

Message from the Guest Editor

This Special Issue focuses on bioactive compounds from natural products, especially those that are homologous to medicine and food. There are many studies which have proved that medicine food homology has effective, long-term edible safety and can prevent disease occurrence and maintain health.

Medicine food homology provides many bioactive compounds like carbohydrates, flavonoids, terpenoids, alkaloids, quinones, and polyphenols that regulate nutrients in health and disease. The Special Issue “Application of Natural Bioactive Components to Improve the Nutritional and Health-Related Properties of Food Products” welcomes the latest findings on medicine food homology and the bioactivity regulation of nutrients in health and disease, including the following aspects:

The application of molecular biological techniques in natural products;

Bioactive compounds from natural products as a tool for functional food development;

The structure–activity relationship, bioactivity, and related mechanisms;

Structure and bioactivity screening of functional ingredients from natural products;

The mechanism of interaction between bioactive compounds from natural products.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Foods (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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