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Extracts from Plant Foods: Biological Characterization and Application

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Deadline for manuscript submissions:

closed (14 February 2024)

Message from the Guest Editors

Dear Colleagues,

By integrating their relatively high safety and renewability, the exploration and utilization of functional components derived from plant foods have attracted significant attention in the food industry. However, several concerns must be addressed urgently. 1) Resource mining; 2) Separation and chemical structure analysis; 3) Biological characterization. In this Special issue, we welcome original articles, mini-reviews, full reviews, commentaries, and perspectives focusing on, but not limited to, the following:

Components analysis in plant foods.

Component detection techniques.

Extraction techniques for plant-food-derived components.

Health-promoting effects of plant-food-derived components.

Structure–activity relationship for health-promoting effects of plant-food-derived components.

In vivo metabolisms of plant-food-derived components.

Interactions among gut microbiota and plant-food-derived components.

Molecular mechanisms for health-promoting effects of plant-food-derived components.



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Special Issue



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Message from the Editor-in-Chief

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