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Plant Extracts: From Extract Technology to Health Benefits—Volume II

Guest Editor:

Prof. Dr. Zheng Ruan

State Key Laboratory of Food Science and Technology, Nanchang Key Laboratory of Fruits and Vegetables Nutrition and Processing, Institute of Nutrition and School of Food Science, Nanchang University, Nanchang 330047, China

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Message from the Guest Editor

The extraction of plant-specialized metabolites remains a challenge today. Indeed, the recovery of bioactive compounds from by-products deriving from agri-food chains fits the concept of environmental sustainability and circular economy. For this reason, optimizing extraction processes based on green technologies, characterized by low energy consumption, represents the goal of developing large-scale methods to be implemented at an industrial level.

This topical issue regards the validation of the functional activity of extracts on specific experimental models that account for the poor bioavailability and structural changes of these compounds, which is also due to the modulation of gut microbiota. Thus, this study on the biological effects of in vivo bio-transformed metabolites could represent another important advancement in the knowledge of the mechanisms of action triggered by these compounds.



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Special Issue



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Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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