

Special Issue

Plant Extracts: From Extract Technology to Health Benefits

Message from the Guest Editors

The extraction of plant specialized metabolites represents a challenge still today. Indeed, the recovery of bioactive compounds from by-products deriving from agri-food chains fits with the concept of environmental sustainability and circular economy. For this reason, the optimization of extraction processes based on green technologies, characterized by low energy-consuming, represents the goal for the development of large-scale methods to be implemented at an industrial level. The special issue regards the validation of the functional activity of the extracts on specific experimental models, that take into account the poor bioavailability and structural changes of these compounds, also due to modulation of the gut microbiota. Thus, the study of the biological effects of *in vivo* bio-transformed metabolites could represent another important advance in the knowledge of the mechanisms of action triggered by these compounds.

Guest Editors

Prof. Dr. Zheng Ruan
Dr. Stefania Moccia
Dr. Giuseppina Crescente

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Foods
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA
2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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