

Special Issue

Effects of Functional Foods or Bioactive Food Compounds on Intestinal Microflora-Related Metabolic Diseases

Message from the Guest Editor

A considerable part of the world's population has a suboptimal metabolic health status and is troubled with metabolic disorders or diseases, including obesity, non-alcoholic liver disease, type 2 diabetes mellitus (T2D) as well as cardio- metabolic disease (CMD).

The gut microbiome plays vital roles in digesting food, regulating gut endocrine function and neurological signaling, and producing numerous compounds that influence the host, and so on. Through modifying intestinal microflora, functional foods and bioactive food compounds may present effects on intestinal microflora-related metabolic diseases. Consequently, exploring the potential relationships between food/food components, intestinal microflora, and metabolic disorders/diseases is becoming essential and may provide perspectives to further demonstrate the mechanisms of functional foods and bioactive food compounds in improving human health status. Additionally, research focused on the development of functional foods, isolation, structural characterization, stability during production, and interaction with other substances of bioactive food compounds is also of interest.

Guest Editor

Prof. Dr. Hong Chen

College of Food Science, Sichuan Agricultural University, Ya'an, China

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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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