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

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Hong Chen
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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