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Interactions Between Food Compounds and Gut Microbiota

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

The gut microbiota consists of trillions of microbes that impact the physiology of multiple host tissues. Food compounds are supposed to come into contact with gut microbiota, profoundly shaping its formation and dynamics, thereby exerting their health-modulatory effect. It remains a major challenging task to understand the precise relationship between food compounds, their metabolites, natural substances with benefits, and the overall architecture of gut microbiota. It is crucial to consider the interplay between food compounds and gut microbiota within the context of host physiology, particularly in the presence of various forms of diseases. The aim of this Special Issue of *Foods* is to gather and display cutting-edge research on the relationship between food compounds (including natural compounds with health effects) and gut microbiota. This Special Issue welcomes original research articles and reviews on studies that illustrate the microbial changes in response to food digestion, elucidate the roles of microbiota in physiological outcomes, and investigate the associated mechanisms. Clear and concisely written manuscripts are highly desirable and appreciated.



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Special Issue



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Message from the Editor-in-Chief

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