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Influence of Diet on Intestinal Ecology

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Message from the Guest Editors

Dear Colleagues,

Research continues to demonstrate the importance of gut microbiota in human health through the breakdown of nutritional components in the gastrointestinal tract and the release of bioactive metabolites that have a global effect on the human body. This makes the gut microbiota a unique therapeutic target. The ability to exert healthy changes to the gut microbiota through the delivery of functional foods, probiotics has been well studied. Scientists continue to develop novel food products that can benefit human health via the gut microbiota. Key to these achievements is a deep understanding of how each food may affect the gut microbiota community structure and function, and, how the gut microbiota may convert these foods, or food components, into metabolites that will benefit the host. Current research is focusing on defining these interactions. The more that is uncovered, the better equipped we will be to develop functional foods or bioactive ingredients that have the potential to improve human health, ameliorate disease symptoms, or prevent the development of disease on a global scale.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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