



## Probiotics, Prebiotics and Functional Foods: Health Benefits and Biosafety, 2nd Edition

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### Message from the Guest Editor

Probiotics play a vital role in improving the quality of the gut microbiota. Clinical studies have revealed the various health benefits of the consumption of probiotics (e.g., reduction in the duration and occurrence of diarrhea, alleviation of symptoms of lactose intolerance, reduction in the incidence of pathogenic infection, stimulation of the immune system, and regulation of the inflammatory response). The selection of potential probiotic strains that possess the physiological capacity of performing well in the gastrointestinal tract (GIT) is a critical challenge. Probiotic microorganisms must tolerate the deleterious effects of various stresses to survive passage and function in the human GIT and adhere to the intestinal mucosa.

This Special Issue focuses on the characterization of new and novel potential probiotics, the health benefits of functional foods produced by probiotic microorganisms (after in vitro digestion), the identification of bioactive compounds in functional products, the interactions between probiotics and prebiotics in functional products, the capabilities of probiotics in food safety as biopreservatives, and eliminating risk compounds from food products.





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## Message from the Editor-in-Chief

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