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The Impact of Probiotics on Gut Health

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Message from the Guest Editors

Diseases related to the gastrointestinal (GI) tract are highly prevalent worldwide. Current evidence has shown that modulation of the gut microbiome by biotic agents, e.g., probiotics, can be beneficial for gut health and disease states. Additionally, probiotics can exert benefits against GI disorders that accompany different diseases. It is important to emphasize that an imbalance of gut microbiota (dysbiosis) is related to several pathological conditions. Therefore, this Special Issue of *Microorganisms* aims to provide scientific evidence about the modulatory effects of probiotics on the gut microbiome and their potential role on the host gut health. We expect researchers to submit innovative, original, and high-quality research and review articles focused on probiotics, gut microbiome modulation by probiotics, and their potential roles in improving gut health and disease.

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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