



## Leaky Skin Syndrome

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### Message from the Guest Editor

The main origin for leaky gut syndrome is dysbiosis, characterized in the gut by a decrease in microbial diversity with the expansion of specific bacteria, which can trigger bloating, depression, IBS, and eventually even cancer. The composition of the gut microbiota is dynamic and influenced by a number of regulators: the microbiota itself through diversity and end balance, diet, the quality of intestinal mucosa, mucus, stress, and the immune system. The gut microbiota plays a critical role in digestion, the production of hormones and vitamins, inhibiting the growth of pathogens, and assisting with drug and toxin metabolism. A number of diseases, including inflammatory bowel diseases as well as metabolic disorders such as obesity and diabetes type II, are associated with intestinal dysbiosis.

A leaky epithelium is the new source of inspiration for explaining and fighting chronic and infectious diseases. In this Special Issue, we aim to focus on research in this field, which could provide a new application of microbiome unbalance.





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## Message from the Editor-in-Chief

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