Special Issue

Intestinal Dysbiosis: 2nd Edition

Message from the Guest Editor

This Special Issue is a continuation of our 2023 Special Issue, entitled "Intestinal Dysbiosis". The human gut flora is a highly diverse ecosystem of trillions of bacteria that live in our digestive tract and is often referred to as the microbiota or gut flora but is colloquially categorized into "good" or "bad" bacteria. As the name suggests, good bacteria help protect our health while bad bacteria harm us. When the balance between good and bad bacteria is "off balance," it is known as dysbiosis. Dysbiosis is associated with multiple systemic diseases. Imbalances in the gut microbiota contribute to the development or progression of a range of rheumatic diseases by affecting the balance between the pro-inflammatory and anti-inflammatory immune responses. The gut flora interacts bidirectionally with the nervous system via the flora–gut–brain axis. This Special Issue welcomes original research articles and review articles related to recent discoveries concerning the interactions between intestinal dysbiosis and diseases.

Guest Editor

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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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