Special Issue

Gut Microbiome in Liver Diseases

Message from the Guest Editor

Accumulating evidence supports that gut dysbiosis may associated with various liver diseases including alcoholic liver diseases, metabolic-associated fatty liver diseases, viral hepatitis, and autoimmune liver diseases. Pathophysiological liver cirrhosis and hepatocellular carcinoma with complications are very important. Variable gut dysbiosis is found in patients with liver diseases. Leaky gut and gut–liver axis are fundamental bases of these diseases. Etiological and pathological backgrounds have been studied for many years, and endotoxemia and related metabolic and immunological backgrounds have become clear recently. For treatment, probiotics, probiotics, synbiotics and antibiotics have been tried for many years. However, these strategies should be evaluated further by gut microbiota to improve dysbiosis. In this Special Issue, variable complications in liver diseases will be discussed under the physiological backgrounds and promising future treatments.

Guest Editor

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"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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