Special Issue

Gut Microbiota, Inflammation, and Colorectal Cancer

Message from the Guest Editor

There are close to 40 trillion intestinal bacteria in the digestive tract, and these intestinal bacteria are balanced with one another, consisting of a certain ratio of beneficial to harmful bacteria. However, intestinal bacterial imbalances such as small intestinal bacterial overgrowth or microbial dysbiosis in the colon can cause not only various digestive diseases but also systemic diseases such as fatty liver and immune-related diseases. This special topic includes functional digestive disease, colorectal cancer and systemic diseases related to intestinal bacterial imbalance, and furthermore, we welcome research on how the treatment of intestinal bacterial imbalance with prebiotics/probiotics or nonabsorbable antibiotics can help with these diseases. Keywords: small intestinal bacterial overgrowth; fecal calprotectin; colonic dysbiosis; increased intestinal permeability; leaky gut; gut dysbiosis; functional gastrointestinal disease; inflammatory bowel disease; colon polyp; colon cancer; autoimmune disease; prebiotics; probiotics; rifaximin

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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