Special Issue

Gut Microbiome in Homeostasis and Disease, 3rd Edition

Message from the Guest Editor

There is emerging evidence that the gut microbiome plays a central role in orchestrating homeostasis, and its disturbance, commonly known as dysbiosis, has been linked to numerous pathologies, such as metabolic syndrome, intestinal diseases, and cancer. With this in mind, we invite you to submit original or review articles that cover both clinical and preclinical field of research. illuminating the role of the gut microbiome in shaping immunity and organisms' pathophysiology. Once we comprehend the complex mechanisms regulating the balance of the aut microbiome and the benefits or detrimental effects of several genera, we will be able to effectively treat patients with chronic and still unsolved diseases. Welcome are, among others, studies on the gut-brain axis, gut-liver axis, fecal microbiota transplantation, probiotics, and commensal and noncommensal microorganisms, including Helicobacter species. These data are hopefully going to lead to new opportunities for the diagnosis, prognosis, and treatment of a plethora of human diseases.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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