



Novel Strategies in the Study of the Human Gut Microbiota 2.0

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The homeostasis of the human gastrointestinal tract is strictly dependent on the resident gut microbiota, a complex and plastic community of thousands of microbial species that live permanently or more or less temporarily in the intestinal lumen or in association with the intestinal mucosa. The study of the composition and fluctuation of the intestinal microbiota in healthy humans and in particular diseases may be of great help for the comprehension of the roles that microbes play in sustaining host health as well as of the interactions between microbes and human cells. From this perspective, such studies might take advantage of animal models or in vitro systems aimed at mimicking the intestinal environment.

As the Guest Editor of this Special Issue, I invite you to submit research articles, review articles, and short communications related to “Novel Strategies in the Study of the Human Gut Microbiota”.

Keywords: gut microbiota; homeostasis; probiotics; prebiotics; animal models; in vitro models





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Message from the Editor-in-Chief

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