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Interaction between Gut Microbiota and Obesity

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Message from the Guest Editor

In recent decades, human gut microbiota has been shown to be a key agent in the prevention and development of numerous metabolic pathologies, including obesity. Gut microbiota exerts a miscellany of protective, structural, and metabolic effects on both intestinal and peripheral tissues, thus affecting body weight by modulating metabolism, appetite, as well as hormonal and immune systems.

In this Special Issue of *Nutrients*, we extend an invite to the scientific community to submit their latest advances in the knowledge of the complex interactions between gut microbiota and obesity. Manuscripts describing the effects of bioactive compounds, food ingredients, contaminants, or any environmental element on the different microbial populations in the human gut are welcome. Also, the effects of eubiosis altering agents, as well as dysbiosis correcting agents, such as prebiotics, probiotics, symbiotics, or postbiotics, are of great interest for this Special Issue.



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