

Special Issue

Interaction Between Gut Microbiota and Obesity

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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Deadline for manuscript submissions

5 December 2025



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/200177

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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