

Special Issue

Probiotics, Gut Microbiota, and Obesity: Current Evidence, Challenges, and Perspectives

Message from the Guest Editors

Obesity has increased dramatically in recent decades and is considered a global epidemic. Increased body weight is associated with a higher risk for other noncommunicable diseases, such as diabetes, cardiovascular disease, and some types of cancer, among others, constituting a serious health burden for individuals and society. A substantial body of research has focused on unravelling the complex aetiology of obesity, and the role of gut microbiota in its development has gained increasing attention. Since several studies have shown that the gut microbiota is disturbed in obesity, probiotics are emerging as potential means to modulate the gut microbiota, and subsequently, obesity. We would like to invite scientists to provide their contribution, either as an original article, review, or meta-analysis, gathering insights from a wider perspective and accelerating the scientific evidence in the following main topics:

- The role of the microbiota in the development of obesity.
- The potential role of probiotics in obesity (prophylactic or therapeutic).
- The value of probiotics versus traditional interventions (i.e., diet and/or physical activity) or probiotics as an adjunct therapy.

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Deadline for manuscript submissions

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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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