

## Special Issue

# The Role of Probiotics on Gut Health

### Message from the Guest Editor

In recent years, probiotics have gained significant attention due to their beneficial effects in several diseases. The gastrointestinal (GI) tract, home to the largest microbial population in the human body, plays a crucial role in digestion, nutrient absorption, immune function, and overall health. Through various mechanisms, such as antimicrobial compounds, competition for nutrients, and regulated immune tolerance, probiotics not only help maintain intestinal integrity and its barrier, but also reduce the risk of gastrointestinal infections, inflammation, and gut permeability issues. While the specific mechanisms through which probiotics exert their beneficial effects on health are still evolving, their potential as a preventive and therapeutic tool continues to be explored in various scientific studies. Therefore, this Special Issue of *Nutrients* aims to provide scientific evidence on the immunomodulatory potential of probiotics in the gut microbiome and human health. We invite researchers to submit novel, creative, and high-quality research and review articles focused on probiotics, linked gut microbiome modulation, and their potential role in improving health.

### Guest Editor

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### Deadline for manuscript submissions

closed (5 June 2024)



## Nutrients

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## About the Journal

### 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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