

## Special Issue

# Dietary Effects on Gastrointestinal Microbiota and Health

### Message from the Guest Editors

This Special Issue seeks to delve into the intricate relationship between dietary habits and their effects on gastrointestinal (GI) microbiota composition, metabolic activity, and overall health outcomes. With a growing body of research highlighting the pivotal role of the gut microbiome in human health, understanding how dietary choices shape microbial communities in the GI tract has become an important field of investigation. This Special Issue aims to compile advanced research and insights into various aspects of dietary effects on gut microbiome and health. Contributions may include but are not limited to studies elucidating the mechanisms by which specific dietary components influence microbial diversity, function, and dysbiosis in the gut. Additionally, we welcome reviews and original research articles exploring the implications of altered gut microbiota composition and function for health outcomes such as metabolic disorders, immune functions, gastrointestinal diseases, and mental health.

### Guest Editors

Dr. João Felipe Mota

Prof. Dr. Christian Hoffmann

Prof. Dr. Evandro Leite de Souza

### Deadline for manuscript submissions

5 September 2025



## Nutrients

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Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



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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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### Editors-in-Chief

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