

## Special Issue

# Nutritional Nanomedicine and Functional Foods in Inflammation and Chronic Diseases

### Message from the Guest Editor

This Special Issue aims to explore recent advances in nutritional medicine and functional foods driven by advanced and emerging technologies. With growing interest in the role of diet-derived bioactive compounds in the prevention and management of inflammation and chronic diseases, innovative technological approaches are increasingly being applied to enhance their efficacy, bioavailability, and mechanistic understanding.

This Special Issue will include functional food-derived bioactive compound, as well as advanced technology-enabled strategies. Particular attention will be given to the interactions between nutrition, gut microbiota, and immune responses, as well as applications in inflammation, metabolic disorders, and chronic diseases.

This Special Issue also welcomes studies on animal-derived nutrients, bioactive compounds, and relevant animal models. In addition, this Special Issue acknowledges perspectives aligned with the One Health approach.

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### Guest Editor

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### Deadline for manuscript submissions

30 October 2026



## 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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