

Special Issue

Nutraceuticals and Their Anti-inflammatory Effects

Message from the Guest Editors

The potential therapeutic benefits of nutraceuticals, especially their anti-inflammatory effects, have garnered significant attention in recent years. Inflammation plays a central role in numerous chronic diseases, and nutraceuticals present a natural approach to combating this pervasive issue. In this issue, we will be accepting manuscripts that describe nutraceuticals that possess anti-inflammatory properties, the mechanisms through which they operate, and their implications for health and disease prevention, in addition to the following related topics:

- Active raw materials from the Amazon for application as anti-inflammatory nutraceuticals;
- Modulation of inflammatory diseases by the use of nutraceuticals;
- Modulatory mechanisms of action of nutraceuticals on skin disorders;
- In silico studies on the safety and efficacy of anti-inflammatory nutraceuticals;
- Application of nutraceuticals in the modulation of dynapenia and sarcopenia;
- Perspectives on the use of nutraceuticals in inflammatory metabolic syndromes;
- Non-clinical pharmacotoxicological validation of anti-inflammatory nutraceuticals;
- Regulatory processes for registration of nutraceuticals.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The contemporary world is struggling with an aging population, which necessitates the design of diets that promote “healthy aging”. In this context, nutraceuticals, health-supportive substances, are significant, remaining in the focus of scientific interests and being continuously developed worldwide. The *Nutraceuticals* journal focuses on the research and development of all fields related to these substances. All types of articles are welcome, including reviews, original papers, and short communications.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 32.7 days after submission; acceptance to publication is undertaken in 3.2 days (median values for papers published in this journal in the first half of 2025).