

Special Issue

Research Progress on Immune and Anti-Inflammatory Effects of Food Active Substances

Message from the Guest Editors

There is growing interest in the potential of specific nutrients to modulate immune system function and inflammatory processes. While it is widely believed that certain dietary components may enhance immune responses or mitigate inflammation, such claims are not always substantiated by rigorous scientific evidence. This Special Issue provides an opportunity to present clinical, preclinical, or in vitro studies that provide mechanistic and functional insights into the effects of specific foods or food-derived compounds on immune function. We welcome contributions that examine both the beneficial and adverse effects of dietary constituents on systemic and mucosal immune systems. Relevant topics include the impact of nutrition on immune responses to infections, allergies, vaccination, hypersensitivity reactions, and both acute and chronic inflammatory processes. Manuscripts addressing the impact of diet on age-related immune deficiencies, such as immunosenescence or the immature immune system in early life, are also encouraged.

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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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