

Special Issue

Nutraceuticals and Functional Bioactives: From Biochemical Mechanisms to Nutritional Applications

Message from the Guest Editors

The intention of this Special Issue is to bring together the latest research on the properties, functions, and health benefits of bioactive compounds and nutraceuticals from natural sources. The Issue encourages rigorous research and detailed review articles that explore the molecular and biochemical pathways that affect the antioxidant, anti-inflammatory, antibacterial, and metabolic processes of these compounds. A pronounced focus is placed on the application of laboratory research findings within frameworks pertinent to nutrition, including their integration into functional foods, dietary supplements, and cutting-edge formulations designed to augment their bioavailability and stability. Studies on extraction, encapsulation, and delivery systems of plant-derived bioactives, as well as their effect in reducing oxidative stress and promoting metabolic health, are encouraged. As the of this Special Issue, I warmly encourage researchers to submit their experimental and theoretical interdisciplinary studies on nutraceuticals and functional bioactives derived from natural resources, with a particular emphasis on their bioactivity, bioavailability, and biological effects.

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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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