

Special Issue

Pharmacologically Active Nutrients and Metabolic Pathways in Chronic Disease

Message from the Guest Editors

Numerous illnesses, including cancer, heart disease, type 2 diabetes, and neurological disorders, link to deficiencies of vital nutrients that trigger oxidative stress, inflammation, and metabolic malfunction. Pharmacologically active nutrients, or bioactive substances, are food ingredients that influence key metabolic and cellular pathways and offer therapeutic or prophylactic benefits. The concept of food as medicine shows how dietary strategies can support the management of complex metabolic dysfunctions and improve outcomes in chronic illnesses. This Special Issue offers a platform for scientists to present research on how pharmacologically active nutrients such as flavanols, polyphenols, omega-3s, and others modulate metabolic pathways, for example NF KB, AMPK, mTOR, and Nrf2, in cellular homeostasis. The goal is to support a complementary approach to chronic disease prevention and management. We welcome high quality submissions, including original research, mini reviews, and reviews that address “Pharmacologically Active Nutrients and Metabolic Pathways in Chronic Disease.”

Guest Editors

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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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