

Special Issue

Phytochemicals and Non-communicable Diseases

Message from the Guest Editor

In recent years, the prevalence of non-communicable diseases (e.g., diabetes, hypertension, cancer, fatty liver, etc.) has gradually increased as a result of unhealthy diets and/or lifestyle habits. Phytochemicals, such as phenols, flavonoids, terpenoids, and alkaloids etc., have been attracting increasing amounts of attention due to their safety and multi-bioactivities, and play an important role in the prevention and adjunctive therapy of non-communicable diseases. This Special Issue aims to emphasize topics that include, but are not limited to, the following areas:

- New phytochemicals that exhibit antioxidant, anti-bacterial, anti-inflammatory, anti-cancer, and other physiological activities, such as the regulation of the metabolism and gut microbiota.
- Novel approaches or molecular mechanisms of phytochemicals demonstrated in the prevention of non-communicable diseases.
- Studies that focus on the synergistic effects between different phytochemicals in the prevention of non-communicable diseases.
- Nutritional or medical studies using animal models or human cohorts to demonstrate the beneficial effects of phytochemicals.

Guest Editor

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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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