

## Special Issue

# The Role of Bioactive Compounds in Human Health and Diseases (3rd Edition)

### Message from the Guest Editor

Bioactive compounds are being studied to better understand their effects on health and disease. These compounds are found in various foods, such as beverages (wine, cider, juices), vegetable oils, spices (curcuma, pepper, etc.), teas, and infusions. In both in vitro and in vivo studies, some of these compounds have shown potentially beneficial effects on human health and disease prevention. Plant bioactive compounds are of great interest due to their variety and diverse effects on thermogenesis, inflammation, metabolism, and endocrine factors. More research is needed to explore their use in improving physical performance, slowing the aging process, and preventing or helping treat diseases such as obesity, CVD, diabetes mellitus, tumors, and inflammation. Thus, we invite you to contribute to the Special Issue titled "The Role of Bioactive Compounds in Human Health and Diseases (3rd Edition)". Clinical, experimental, and in vitro studies, as well as reviews on the effects of bioactive compounds in obesity and its comorbidities, are welcome.

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### Guest Editor

Prof. Dr. Jacqueline Isaura Alvarez-Leite  
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### Deadline for manuscript submissions

closed (15 May 2026)



## Nutrients

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### 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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