

## Special Issue

# The Role of Bioactive Compounds in Blood Glucose Control

### Message from the Guest Editor

The control of glucose homeostasis represents the primary goal for the prevention of prediabetes, insulin resistance, and diabetes. Diabetes is a metabolic disease that is growing in incidence, and its control involves numerous challenges. The application of therapeutic strategies aiming to contrast hyperglycemia is essential; albeit many of the measures are based on improving life habits and pharmacological treatment, these interventions are often difficult to support due to several serious side-effects and fail to significantly alter the course of diabetic complications. Therefore, the development of novel strategies is necessary, and new bioactive compounds, present in food or released from human cells, able to improve glycemic control, stimulating glucose uptake, metabolism, and increasing insulin sensitivity, have recently attracted considerable interest. This Special Issue aims to collect original research articles, short communications, and reviews on new bioactive compounds as promising and innovative molecules able to contribute to the management of glucose homeostasis, including their molecular mechanisms in diabetes and related metabolic syndromes.

### Guest Editor

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### Deadline for manuscript submissions

closed (5 July 2024)



## 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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