

Special Issue

Dietary Carbohydrates and Glucose Metabolism: Implications for Chronic Disease, Aging and Frailty

Message from the Guest Editor

The association between dietary carbohydrate intake, insulin metabolism and longevity are well known, i.e., between the intake of high glycemic index carbohydrates, insulin resistance, and the onset of metabolic syndrome, type 2 diabetes, cardiovascular disease, non-alcoholic fatty liver disease, cancers, and Alzheimer's disease. All these pathological states are characterized by chronic low-grade inflammation. Dietary patterns rich in complex carbohydrates with a low glycemic index, such as the Mediterranean Diet, have been shown to influence inflammatory processes and responses. This Special Issue of *Nutrients* has been developed to compile contemporary research studies on this important topic. We invite you and your collaborators to consider the submission of your original research, protocol development, and methodological studies, narrative or systematic reviews, and meta-analyses. To better understanding these complex relationships, we welcome all types of study designs in various populations, including large observational epidemiological studies, systematic reviews and meta-analyses, clinical and field trials, and qualitative investigations.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2022)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/96378

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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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