

Special Issue

The Role of Dietary Advanced Glycation End Products on Chronic Diseases

Message from the Guest Editors

Advanced Glycation End Products (AGEs) can accumulate in various tissues and organs throughout the body, particularly in long-lived proteins such as collagen, leading to tissue damage and dysfunction. Non-enzymatic glycation and the subsequent formation of AGEs have been implicated in various pathological conditions and chronic diseases, including diabetes, atherosclerosis, chronic kidney disease, neurodegenerative diseases, and aging. The presence of AGEs can alter the structure and function of proteins and lipids, promote inflammation and oxidative stress, and contribute to cellular dysfunction and tissue damage.

This Special Issue will focus on dietary sources of AGEs and their impact/role in chronic diseases and how to prevent AGE-led diseases through alternative dietary behavior.

We, thus, invite investigators to contribute with original research articles, as well as review articles, that seek to offer new advances on dietary AGEs and to explore the pathological manifestations and molecular insights linked to AGEs accumulation, as well as innovative strategies aimed at the prevention/management of the harmful effects of AGEs on health.

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Deadline for manuscript submissions

closed (5 July 2024)



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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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