

Special Issue

Gene–Diet Interaction Analyses in Chronic Non-contagious Diseases

Message from the Guest Editor

Diet plays a very important role in promoting human health, especially in cases of non-contagious diseases. Studies have shown that dietary bioactive compounds interact with molecular targets in transcriptome, proteomics, metabolomics and epigenomics studies. Moreover, the mechanisms of gene–diet interaction in the development and treatment of chronic non-contagious diseases have not yet been fully elucidated. The experimental, pre-clinical and clinical results of the gene–diet interaction can contribute to a better understanding of the mechanisms for the prevention and treatment of chronic diseases and to expand strategies for promoting health through healthy foods.

Guest Editor

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Deadline for manuscript submissions

closed (5 June 2024)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/171928

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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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