

Special Issue

Effects of Nutrient-Gene Interactions on Cancer Risk

Message from the Guest Editor

Dear Colleague, This issue will focus on the complex interplay between diet, genetic variations, and their combined influence on cancer susceptibility. With growing evidence that specific nutrients can modulate gene expression and that genetic polymorphisms can influence nutrient metabolism, it is critical to explore how these interactions affect cancer risk across populations. We welcome submissions of original research articles, systematic reviews, and meta-analyses that investigate the role of nutrients, dietary patterns, or specific bioactive compounds in modulating gene-environment interactions related to cancer. We are particularly interested in studies that utilize innovative approaches, including genomics, epigenomics, nutrigenomics, and precision nutrition, to unravel how diet and genetic factors jointly influence cancer development. Manuscripts focusing on personalized nutrition strategies aimed at reducing cancer risk as well as those examining disparities in cancer outcomes influenced by nutrient-gene interactions are highly encouraged.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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