

Special Issue

Dietary Bioactive Ingredients in the Modulation of Signaling Pathways in Cancer

Message from the Guest Editor

Epidemiological studies have highlighted the role of dietary bioactive ingredients in reducing the incidence of certain malignancies. Examples of validated cancer-modulating effects enabled by dietary bioactive ingredients include the reduced susceptibility of Mediterranean and Southeast Asian populations to certain cancers due to their dietary consumption of olive phenolics and soy isoflavones, respectively. Dietary bioactive ingredients are recognized as being able to directly suppress and prevent cancers or indirectly suppress cancers through crosstalk with the human gut microbiota. Emerging bioinformatic technologies such as RNA and single-cell sequencing show potential in validating the anticancer contributions of bioactive dietary ingredients and aiding in the discovery of more novel cancer-selective targeted mechanistic signaling pathways, which will facilitate their nutraceutical use to achieve improved therapeutic outcomes. For this Special Issue, we welcome submissions highlighting the contribution of dietary bioactive ingredients to cancer prevention and control, as well as their molecular mechanisms.

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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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