

Special Issue

Impact of Diet on Cancer Therapy

Message from the Guest Editor

Over the past decade, the importance of dietary factors and caloric intake in modulating cancer risk has become increasingly apparent. Investigations targeting the contribution of caloric intake regarding cancer progression and development have revealed significant findings. Caloric restriction has demonstrated potential against various cancers through modulation of key signaling pathways important for various aspects of carcinogenesis including, inflammation, cell cycle, angiogenesis, autophagy, and apoptotic signaling pathways. Additionally, numerous natural dietary compounds including several calorie restriction mimetics have been investigated for their potential as either therapeutic or preventive agents against several types of cancer. However, further efforts towards a comprehensive understanding of the role of dietary factors in cancer biology, the metabolic and physiological consequences, as well as, their associated clinical outcomes are needed. Therefore, this issue will focus on the overall dietary effects on carcinogenesis and how alternative approaches may be potentiated as adjunct, first line and preventive care options.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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