



## Impact of Diet on Cancer Therapy

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Deadline for manuscript  
submissions:

**closed (31 August 2021)**

### 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.





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