



## Cancer-Associated Cachexia and Nutrition Wasting: The Role of Nutritional Interventions

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### Message from the Guest Editor

Cachexia is the unintentional loss of body weight and muscle mass. This wasting syndrome is also characterized by muscle mass loss and has several characteristics connected to the syndrome's progression, including malnutrition, hypogonadism, systemic inflammation, and metabolic dysfunction. Despite progress in understanding cancer cachexia's etiology, there is a critical need for additional therapeutic options to prevent or reverse the syndrome, including nutritional-based therapies. The purpose of this special issue is to highlight the role of dietary interventions during cancer cachexia progression. Areas of emphasis include nutrition interactions with specific cancer types, interaction with cancer treatment, and stage of cachexia at the initiation of the intervention. The second area of emphasis is on energy intake, and nutrient needs during cachexia progression and how these factors interact with cancer induces disruptions to systemic metabolism and inflammation. Lastly, the issue will highlight nutritional interventions' potential to be a critical component of multimodal treatment strategies for cachexia.





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