

Special Issue

New Perspectives for Cancer Patients' Nutritional Support and Therapy

Message from the Guest Editor

Cancer patients often malnourished and at high risk of losing vital body resources which results in immunodeficiency, an impaired quality of life and worse clinical outcomes. In advanced cancer, a cure still remains elusive, optimal supportive and integrated nutrition are required to allow patients to tolerate aggressive or long-term anticancer treatments, to keep an adequate quality of life or to stay the course of advancing disease. Nutritional care is pivotal in the treatment of cancer cachexia, even if the effects of nutrients on different mechanisms or metabolic pathways that are affected or deregulated by cachexia must be clarified. However, nutritional care should not only be considered as a palliative care for persons with advanced cancer, it should also be considered as a therapeutic option. "Pharmaconutrients" are nutrients supplied in pharmacological doses to modulate immune and metabolic functions and exert effects on clinical outcomes. Investigating the molecular signaling pathway and the specific mechanisms of action of "pharmaconutrients" could allow their use to target the main pathogenic mechanisms of cancer cachexia and malnutrition.

Guest Editor

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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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