

Special Issue

Responses to Nutrition of Protein Metabolism and Evidence-Based Clinical Outcome in Disease

Message from the Guest Editor

Dietary proteins are key nutrients, as they serve as amino acid precursors, which sustain the synthesis of body proteins, substrates, and a variety of body functions. Proteins must be consumed through the diet to provide essential amino acids required for body growth, maintenance, and recovery from disease. However, non-essential amino acids also play major roles in sustaining body metabolism and nutrition. This Special Issue aims to highlight the tight relationship between protein/amino acid metabolism and human nutrition. Authors can submit manuscripts on the relationships between nutrition and protein/amino acid metabolism. Examples of topics include (1) critical reappraisals of the methodologies used to estimate protein and amino acid requirements; (2) new findings on protein digestion, absorption, and nutritional availability; (3) the nutraceutical effects of dietary proteins; (4) interplay between essential and non essential amino acids in human nutrition; (5) current protein requirements under healthy and diseased conditions; (6) relationships between energy and protein availability and metabolism; and (7) dietary proteins and amino acids and the regulation of food intake.

Guest Editor

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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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