



Nutrition and Metabolic Risk Factors in Patients

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Deadline for manuscript
submissions:
closed (20 October 2023)

Message from the Guest Editor

Disruption of metabolism is the most dangerous situation for humans. The extent and speed of development of the gap determine the body reaction from triggering a catabolic reaction, to loss of function or death. A small energy gap that develops slowly may trigger an adaptive catabolic response to reduce energetically demanding processes and tissues, typically leading to loss of lean body mass.

Multiple factors can contribute to impaired energy production, such as diseases, inflammation, disturbed autophagy, substrate transport across cell membranes, tissue injury, but also organ dysfunctions. Extensive regulatory interaction between and within organs is necessary, and thus, the aim of this Special Issue is to understand the human body as a system.

Systems outside the human body can have a detrimental effect on the nutritional status of patients, such as food availability, identification of special needs, culture of understanding disease and eating, but also health services organization and hospital planning.





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Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)

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