

Special Issue

Nutrition and Metabolic Risk Factors in Patients

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.

Guest Editor

Prof. Dr. Jörg Michael Hiesmayr

Head emeritus, Division Cardiac Thoracic Vascular Anaesthesia & Intensive Care and Senior Researcher, Section for Medical Statistics, Center for Medical Statistics, Informatics and Intelligent Systems (CEMSIIS) Medical University of Vienna, 1090 Wien, Austria

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Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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About the Journal

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.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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