

Special Issue

Trends and Prospects in Pathophysiology of Diet-Related Diseases

Message from the Guest Editor

The objective of this Special Issue is to present the current trends and future perspectives on the mechanisms of chronic diet-related diseases. Chronic diet-related diseases—such as obesity, diabetes, cardiovascular disease, cancer, osteoporosis and dental disease—are the most common cause of death in the world. We need to better understand the interrelationships between the physiological and psychological determinants of food intake, and the ecological, economic, and socio-cultural risk factors that lead to diet-related diseases. All of these diet-related conditions have not responded well to the pharmaceutical model that characterizes today's health care paradigm. We need knowledge based on etiology that identifies the molecular basis of dysfunctions, and allows for the development of therapeutic and preventive strategies that take into account the biochemical individuality of each person. Interventions in diet and other life-style conditions can help reduce the risk of these chronic diseases.

Guest Editor

Prof. Dr. Veronica Mocanu

Department of Morphofunctional Sciences II, "Grigore T. Popa"
University of Medicine and Pharmacy, 700115 Iași, Romania

Deadline for manuscript submissions

closed (31 August 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.1



mdpi.com/si/59265

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

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 6.1



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (Fluid Flow and Transfer Processes)