

Special Issue

Nutraceuticals: Food and Nutritional Applications

Message from the Guest Editors

Nutraceuticals and functional foods comprise a food category that has recently received increased scientific interest, either due to its important implications in the food industry or due to its possible beneficial effects on human health. The aim of this Special Issue is to present recent novel studies about, on the one hand, the role of nutraceuticals, functional foods and bioactive compounds on disease prevention and health promotion and, on the other hand, recent trends about the production of innovative functional foods with possible health claims. We welcome papers reporting the latest evidence-based results of the effect of specific bioactive compounds and nutraceuticals on biomarkers of chronic diseases, animal experiments, nutritional interventions, and epidemiological studies. Additionally, review articles and in vitro studies are also welcome. Keywords

- nutraceuticals
- functional foods
- bioactive compounds
- phytochemicals
- health
- food industry

Guest Editors

Dr. Antonios E. Koutelidakis

Unit of Human Nutrition, Department of Food Science and Nutrition, University of the Aegean, Mitropoliti Ioakim 2, Myrina, 81440 Lemnos, Greece

Dr. Haralabos Christos Karantonis

Laboratory of Food Chemistry and Technology and Quality of Food of Animal Origin, Department of Food Science and Nutrition, School of Environment, University of Aegean, Metropoliti Ioakeim 2, 81400 Lemnos, Greece

Deadline for manuscript submissions

closed (20 July 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/69317

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

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[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 (General Engineering)