

Special Issue

Bioactive Compounds from Natural Products - Volume II

Message from the Guest Editor

This Issue aims to publish innovative research that demonstrates the therapeutic potential of natural health products by their in vitro/vivo biological activities relevant to preventing or to alleviating degenerative diseases. Natural extracts or functional foods can be valorized to obtain new products. Still, problems persist regarding their poor bioavailability and low correlation between in vitro and in vivo activities. The interaction of natural health products with human microbiota represents an essential aspect because it can modulate the microbial pattern and alleviate more of the chronic disease's effects. You are invited to send original research articles/reviews based on the effects of different extracts or functional foods used in degenerative pathologies and their interactions with human microbiota. We aim to identify new data on in vitro/vivo research that could demonstrate the bioavailability of natural compounds and the relation with antioxidant/antimicrobial capacity. Modulated microbiota aspects are expected to be published, based on the interaction with natural compounds, or other molecules that influence the colon health status.

Guest Editor

Prof. Dr. Emanuel Vamanu

Faculty of Biotechnology, University of Agricultural Sciences and Veterinary Medicine, 011464 Bucharest, Romania

Deadline for manuscript submissions

closed (30 September 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/110134

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)