

Special Issue

Application of Natural Products with Antioxidant, Anti-inflammatory and Antimicrobial Potentials

Message from the Guest Editor

Natural Products with antioxidant, anti-inflammatory and antimicrobial activity have provided humans with the remedies or preventive measures for lethal diseases for a long time. Inflammation and oxidative stresses play crucial roles in pathogenesis of many chronic diseases. Since ancient times, natural products with anti-inflammatory and antioxidant activity were recognized as remedies or preventive measures for these diseases. Microbial infections remain a significant cause of morbidity and mortality in some parts of the world, in spite of the progress made in microbiology and the control of microorganisms. In this Special Issue, we invite submissions exploring the applications of natural products with antioxidant, anti-inflammatory and antimicrobial activity for the development of pharmaceuticals, nutraceuticals, functional foods, feeds or other industrial products with high values. Research articles, reviews and survey papers on the discovery of individual compounds and extracts with the bioactivity from natural sources, and the mechanism studies of bioactive natural compounds or extracts are welcomed.

Guest Editor

Prof. Dr. Dongyup Hahn

School of Food Science and Biotechnology, Kyungpook National University, Daegu 41566, Republic of Korea

Deadline for manuscript submissions

closed (10 March 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/72268

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)