

Special Issue

Honey as a Therapeutic Agent

Message from the Guest Editors

Problems with conventional treatments of different disorders related to rising global antibiotic resistance, drug-related adverse effects, etc., have forced scientists to search for new compounds of therapeutic value, develop novel therapies, and find alternatives to conventional medicine. Efforts have included the evaluation of natural products, such as honey, which has been used in traditional medicine since ancient times and can be considered as a promising option for modern treatment. This Special Issue is dedicated to possible applications of honey in treatment. Manuscripts concerning all areas of this issue are welcome:

- the antimicrobial (antibacterial, antifungal, antiviral) properties of honey;
- anti-inflammatory and immunomodulatory action of honey;
- mechanisms of antimicrobial action;
- honey in wound healing;
- honey in COVID-19 treatment;
- honey as an antidiabetic and antitumor agent;
- the synergistic effect of honey and conventional antibiotics;
- the effect of honey processing on its therapeutic properties.

Guest Editors

Dr. Dorota Grabek-Lejko

Department of Bioenergetics, Food Analysis and Microbiology, Institute of Food Technology and Nutrition, University of Rzeszow, 35-601 Rzeszow, Poland

Prof. Dr. Malgorzata Dzugan

Department of Chemistry and Food Toxicology, Institute of Food Technology and Nutrition, University of Rzeszow, 35-601 Rzeszow, Poland

Deadline for manuscript submissions

closed (31 January 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/165113

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

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





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)