

## Special Issue

# Natural Products and Bioactive Compounds

### Message from the Guest Editors

In recent years, there has been a growing interest in bioactive compounds, phytochemicals, and natural products in general as a result of increasing public interest and consumer demands as well as intensive research activities aimed at bioactive compounds' isolation, characterization and application. Bioactive compounds, such as complex carbohydrates, proteins, pigments and minor phytochemicals, possess numerous biological activities that positively affect human health and can also contribute to food quality. The present Special Issue aims to provide a platform for the scientific community to present high-quality research focused on all aspects of natural products and bioactive compounds, from their isolation, characterization, and assessment of biological activity to their application in food and pharmaceutical systems.

---

### Guest Editors

Dr. Ivona Elez Garofulić

Department of Food Engineering, Faculty of Food Technology and Biotechnology, University of Zagreb, Pierottijeva 6, 10000 Zagreb, Croatia

Dr. Maja Repajić

Department of Food Engineering, Faculty of Food Technology and Biotechnology, University of Zagreb, Pierottijeva 6, 10000 Zagreb, Croatia

---

### Deadline for manuscript submissions

closed (31 May 2025)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 6.1



[mdpi.com/si/185175](https://mdpi.com/si/185175)

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

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

[appls.c](https://appls.c)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
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)