

## Special Issue

# Antiradical, Chemopreventive and Antimicrobial Effects of Bioactive Natural Substances

### Message from the Guest Editor

Specialised plant metabolites (mainly phenolics), showing low or minimal toxicity, play a key role in health-promoting strategies. As effective radical scavengers, they can directly inactivate exo- and endogenous reactive forms that are harmful to the human genome and initiate tissue degeneration, especially in relation to the hepatocellular, cardiovascular, and nervous systems. In addition, natural antioxidants may also operate by activating immune defence mechanisms, showing beneficial anti-inflammatory effects at various cellular and biochemical levels or enhancing the potency of chemotherapeutics routinely used to treat cancer.

In this Special Issue, preference will be given to review and experimental papers addressing the above topics. Particularly valuable will be papers combining detailed phytochemical analysis of plant extracts/natural products containing antioxidants with biological studies on various aspects and mechanisms of these components as inhibitors of inflammatory processes promoting carcinogenesis and/or antimicrobial agents.

### Guest Editor

Dr. Grażyna Zgórk

Department of Pharmacognosy with the Medicinal Plant Garden,  
Faculty of Pharmacy, Medical University of Lublin, 20-093 Lublin,  
Poland

### Deadline for manuscript submissions

closed (20 February 2025)



## Pharmaceuticals

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/si/194512](https://mdpi.com/si/194512)

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

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





# Pharmaceuticals

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

---

### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

---

### 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), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)