

Special Issue

Recent Advances in Natural Products Discoveries for Antioxidants: Pharmacology and Mechanisms

Message from the Guest Editors

The aim of this Special Issue is to collect original articles and review papers focused on recent advances in antioxidant research, including the discovery of novel sources of antioxidants, with a special interest in chemically characterized extracts from waste and innovative production, investigations about the role of antioxidant agents against various pro-oxidant stressors and in experimental models of inflammatory and oxidative related diseases, mechanistic insights into the modulation of enzyme functions, gut microbiome, cell signalings and of molecular targets involved in redox balance, pharmacokinetic and digestion studies, and clinical trials supporting safety and efficacy of antioxidants in patients. Special attention will be devoted to papers dealing with the role of antioxidants in cancers, like modulators of Nrf2, known to act both as a regulator of oxidative stress response and as an inducer of chemoresistance. Papers addressing pharmaceutical formulations to improve bioavailability and delivery of antioxidants to targets are welcome too.

Guest Editors

Dr. Antonella Di Sotto

Department of Physiology and Pharmacology "V. Erspamer", Sapienza University of Rome, Rome, Italy

Dr. Silvia Di Giacomo

Department of Physiology and Pharmacology "V. Erspamer", Sapienza University of Rome, P.le Aldo Moro 5, 00185 Rome, Italy

Deadline for manuscript submissions

closed (31 January 2023)



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/109249

Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)