

Special Issue

Phytochemicals and Analogues as Sources of Bioactive Substances of Pharmacological and Industrial Interest

Message from the Guest Editors

Many phytochemicals have recognized pharmacological properties, including antioxidant, anti-inflammatory, antimicrobial, and anticancer effects. The classical example is the compound artemisinin, found in the plant *Artemisia annua*, used as an antimalarial drug. Flavonoids, common in many fruits and vegetables, have been shown to have antioxidant, anti-inflammatory and anticancer properties. Another example is the use of certain plant extracts in skin care products for their anti-aging or anti-inflammatory properties.

This Special Issue, “Phytochemicals and Analogues as Sources of Bioactive Substances of pharmacological and Industrial Interest”, invites authors to contribute review or original research articles dedicated to the most recent advances in the discovery of plant-based phytochemicals. Contributions may include the discovery of new compounds and their structural elucidation or synthetic analogues as well as the assessment of the pharmacological properties. Structure–activity studies directing toward eco-friendly methodologies for the synthesis of more bioactive derivatives are also welcomed.

Guest Editors

Dr. Eduarda M. P. Silva

Dr. Cláudia Maria Rosa Ribeiro

Dr. Maria Elizabeth Tiritan

Deadline for manuscript submissions

closed (31 March 2025)



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/169142

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)