

Special Issue

Antioxidants in the Processes of Retarding Ageing

Message from the Guest Editors

Aging is defined as progressive physiological changes in an organism that lead to senescence, or a decline in biological functions and in the organism's ability to adapt to metabolic stress. Numerous hypotheses exist to explain the organismal, cellular, and molecular mechanisms that underlie aging. A recent study indicates that aging is caused by an accumulation of molecular damage, e.g., from reactive oxygen species. Thus, it becomes increasingly important to find compounds that have antioxidant properties to slow down the aging process. In this issue, we invite manuscripts examining the biochemical and molecular mechanisms of action of antioxidants on aging based on model organisms and human cell lines as a crucial biological resource. Studies based on yeast, fruit flies, worms, mice, and rats are welcome. Focused original research articles and review paper are both welcome.

Guest Editors

Dr. Mateusz Mołoń

Department of Genetics, Faculty of Biology, Natural Protection, and Sustainable Development, University of Rzeszów, 35-310 Rzeszów, Poland

Dr. Sabina Galiniak

Department of Medical Chemistry and Metabolomics, University of Rzeszów, 35-310 Rzeszów, Poland

Deadline for manuscript submissions

closed (30 May 2025)



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/155875

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)