



life



an Open Access Journal by MDPI

Advances in the Biomedical Applications of Plants and Plant Extracts

Guest Editors:

Dr. Rita Kiss

Department of Pharmacology
and Pharmacotherapy, Faculty of
Medicine, University of Debrecen,
H-4032 Debrecen, Hungary

Prof. Dr. Annamária Pallag

Faculty of Medicine and
Pharmacy, University of Oradea,
Piata 1 Decembrie, 410028
Oradea, Romania

Deadline for manuscript
submissions:

closed (5 May 2025)

Message from the Guest Editors

Plants have been integral to healing practices since ancient times, and their significance persists in contemporary drug development and modern medicine. According to surveys conducted by the World Health Organization (WHO), a substantial 80% of the global population continues to rely on plants or plant-derived preparations. Within plants and plant extracts, a plethora of beneficial active ingredients exists, offering a wide array of biomedical applications owing to their structural and biological diversity. Remarkably, only a small fraction—roughly 10–15%—of these plant-based compounds have undergone comprehensive chemical examination. This implies a vast reservoir of untapped potential for the medical and pharmaceutical utilization of plants. Considering the significance of plants as an unparalleled resource for medicinal purposes, our Special Issue aims to disseminate research findings that focus on exploring and utilizing newly discovered therapeutically active substances within the scientific community.



mdpi.com/si/194860

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

Contact Us

Life Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)