

Special Issue

Advances in Research on Phytohormones

Message from the Guest Editor

Nowadays, there is increasing pressure worldwide to achieve a safe and economical food supply. The climate crisis has further increased the need for research in this area. Plants can produce compounds that help maintain their homeostasis even under stressful conditions. These bioactive compounds include certain plant hormones, hormone-like compounds, and secondary metabolites, several of which, applied externally, can further enhance the plant's abiotic or biotic stress tolerance. We welcome manuscripts that explore the evaluation of the effects of plant hormones, hormone-like compounds, secondary metabolites, and other bioactive compounds produced by plants. We also welcome studies that address the external application of these compounds to help plants avoid stress and reverse damage to physiological processes. We also welcome summary review studies on this topic. We specifically welcome manuscripts that incorporate gene-level analyses into their methodology, that focus on individual genes, or that include genome-wide transcriptional and bioinformatics analyses.

Guest Editor

Dr. Kincso Decsi

Department of Plant Physiology and Plant Ecology, Hungarian
University of Agriculture and Life Sciences, Godollo, Hungary

Deadline for manuscript submissions

25 April 2026



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/250927

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

[life](https://life.mdpi.com)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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



About the Journal

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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)