



Stories of the Plant Cytokinins and Auxin

Guest Editor:

Prof. Dr. Yuzhou Zhang

College of Life Sciences,
Northwest Agriculture & Forest
University, Yangling 712100,
China

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editor

Cytokinin is a class of plant hormones that renders the role of auxin an antagonist in plant development. Thus, cytokinin and auxin are considered the Yin–Yang of phytohormones, regulating a plethora of crucial plant traits, which are closely associated with crop yield and plant adaption to natural environments. Hence, the clarification and harnessing of auxin and cytokinin offer a potential strategy to improve crop yield and grant plants the ability to battle against the extreme climate.

The aim of this Special Issue is to update the progress made concerning the two phytohormones in plants, especially in crops, and summarize the current advances in this field. We plan to publish papers related to the auxin/cytokinin signaling pathway or their components in the development and adaptability of plants. Other topics related to auxin and cytokinin, such as their evolution, will also be considered. Both original research articles and review papers are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

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), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi