

Special Issue

Plant Hormones in Growth, Development, and Regeneration

Message from the Guest Editors

Plant hormones play a fundamental role in regulating growth, development and regeneration, coordinating cellular processes that shape plant life.

This *Plants* Special Issue aims to synthesize cutting-edge research that explores the diverse roles of these signaling molecules. We invite submissions that address the complex mechanisms by which hormones such as auxins, cytokinins, gibberellins, abscisic acid, ethylene and brassinosteroids influence various aspects of plant biology, from embryogenesis and organogenesis to stress responses and wound healing. We encourage studies that utilize advanced techniques in molecular biology, genetics, physiology and systems biology to unravel the complexity of hormone signaling pathways and their impact on plant plasticity and adaptability. This collection will provide a comprehensive overview of the latest advances in the field, highlighting the potential for translational applications in crop improvement and plant biotechnology. We invite the submission of original research articles, reviews, and perspectives that contribute to our understanding of plant hormone function.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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