

Special Issue

Biological Signaling in Plant Development

Message from the Guest Editors

Biological signals are essential for plant growth, adaptation, and reproduction. This complex network of signaling pathways involves dynamic interactions between hormones, gene expression, and environmental factors that regulate different stages of plant development from seed germination to flowering. These signals ensure proper plant growth and adaptation to changing environments. Therefore, an understanding of plant biological signaling is essential to elucidate the response mechanisms of cell differentiation, tissue formation, and exogenous stress. This Special Issue aims to explore the complex signaling networks underlying plant growth and development. It will provide a comprehensive overview of the latest advances in the field through a curated selection of state-of-the-art research articles, reviews, and expert opinions. We invite contributions that shed light on the intricate mechanisms and new insights into signaling regulation in plant biology.

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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, and 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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