

## Special Issue

# Lipid Metabolism in Plant Growth and Development

### Message from the Guest Editors

Lipids, an essential cell components, are involved in nearly every aspect of plant growth and development. Beyond the well-known role of lipids in maintaining the structural integrity and fluidity of membranes, plant lipids serve as the major energy reservoir in seeds and participate in various physiological processes, including signal transduction, stress responses, reproduction, and secondary metabolism, which are crucial for plant growth and development. This Special Issue will feature original research papers and invited reviews that highlight the most recent discoveries in plant lipid biology and provide insights into how lipids participate in various biological processes of plant life, such as seed germination, photosynthesis, stress responses, and reproduction. Topics of interest include lipid synthesis, transport, degradation, storage, signaling, and engineering. This Special Issue aims to collate the latest discoveries in plant lipid research, providing fundamental knowledge to advance our understanding of the multifaceted impact of lipids on plant growth and development, crop yield, as well as the nutritional and industrial value of economic crops.

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### Guest Editors

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### Deadline for manuscript submissions

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## Biology

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