Plant Signaling, Behavior and Communication

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Message from the Guest Editors

Plant signaling, communication, cognition and behavior are emerging as new frontiers of plant sciences. Recent advances and discoveries have revealed that plants are much more complex and active in their interactions with abiotic and biotic environments. This Special Issue will focus on plant-specific sensory systems, signal perception and transduction, sensory information acquisition and processing as related to active stress adaptation, plant–plant communication and plant–pathogen as well as plant–herbivore interactions. Plant-specific neurotransmitter receptors, such as GABA and glutamate, and specific volatiles enabling plant communication will also be analyzed. Finally, aspects of plant-specific intelligence and cognition supporting plant behavior will also be included. This Special Issue of *Plants* will highlight the most recent advances in plant communication, signaling, cognition and behavior.

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Special Issue

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Message from the Editor-in-Chief

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We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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