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Research on Plant Extracellular Vesicles

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Deadline for manuscript
submissions:

closed (18 October 2022)

Message from the Guest Editor

Dear Colleagues,

Extracellular vesicles (EVs) are lipid bilayer-enclosed spheres that have been found in all types of living organisms. Based on their intracellular origin, specific marker proteins, biophysical properties, and biological functions, EVs can be classified into **exosomes**, microvesicles or shedding vesicles, and apoptotic cell-derived vesicles. They can deliver different molecules, such as proteins, small RNAs, and lipids, between interacting parties. Plant EVs have been observed since the 1960s, although they were not thoroughly studied until recently. Emerging evidence has shown that EVs play a prominent role in plant–microbe interactions by safely transporting functional molecules. This Special Issue will focus on research on plant extracellular vesicles. We welcome novel research, reviews, and opinion pieces covering all related topics. We hope to collect papers covering more different plant species-derived EV studies under various biotic and abiotic conditions.



mdpi.com/si/117139

Special Issue



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Message from the Editor-in-Chief

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