

Special Issue

Advanced Research in Plant-Fungi Interactions

Message from the Guest Editor

In the past decades, the plant-fungus interactions, including mycorrhizal, parasitic or endophytic lifestyles, have been extensively studied at various aspects and have greatly improved our understanding. Among them, the symbiotic association of mycorrhiza is commonly found in most of vascular plants, mainly including arbuscular mycorrhiza, ectomycorrhiza, ericoid mycorrhiza and orchid mycorrhiza. Mycorrhizal fungi benefit most plants by enhancing their nutrient access and stress tolerance, and therefore strongly affect plant population and community biology by regulating seedling establishment and species coexistence. In this Topic, the interactions between plants and fungi will be considered. This includes but no limits, functional omics, molecular communication, coevolution, ecological adaption and nutrient modes of plant-fungi interactions, and applications of fungi for sustainable environmental management and plant conservation. This Special Issue on “Advance Research in Plant-Fungi Interactions” is open to all researchers studying this interaction at any level, from both the plant and the fungi side.

Guest Editor

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