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Beneficial Plant–Fungal Interactions

Guest Editors:

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Dr. Stefania Vitale

Dr. Sheridan Lois Woo

Dr. Francesco Vinale

Deadline for manuscript submissions:
closed (1 June 2022)

Message from the Guest Editors

Dear colleagues,

Over the last century, a plethora of fungal microorganisms exerting beneficial effects on a wide variety of plant species have been described and characterized. Some of them enhance plant growth and yield production either by secreting volatile or nonvolatile metabolites or by directly interacting with plant roots and increasing nutrient availability or accessibility. Others modulate plant fitness indirectly through antibiosis, parasitism or competition with some of the biotic threats that compose the root microbiota and that continuously influence plant health throughout its entire life cycle.

We invite you to contribute both original research and review articles covering all aspects of the signaling events occurring among beneficial fungi, pathogens, and plants and leading to a positive output in terms of plant fitness.

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Editor-in-Chief

Prof. Dr. Hinh Ly
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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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