

## Special Issue

# Pathogenic Mechanism of Plant Pathogenic Fungi

### Message from the Guest Editors

Filamentous fungi are a large group that contains diverse kinds of both human and plant pathogenic fungi such as *Aspergillus fumigatus*, *Ustilago maydis*, and *Magnaporthe oryzae*. For plants, filamentous fungi cause huge economic losses to cultivated crops worldwide. To successfully infect plants, some key regulators of fungi perform respective functions to ensure the formation of fungi infectious structures such as appressorium and interference with plant immunity. For instance, the rice blast fungus *M. oryzae*, uses the special infectious dome-shaped appressorium and some effector proteins to guarantee and promote the infection of fungi. In turn, plants activate immune responses to deal with the invasion of fungi. However, identification of essential regulators for fungus virulence and the specific interaction mechanism between the fungus and the plants remains largely unknown.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 August 2023)



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