Special Issue

Advances in Studying and Managing Fungal Diseases in Fruit Trees

Message from the Guest Editor

This Special Issue aims to publish original articles and reviews on fungal pathogens causing diseases in fruit trees with a focus on their detection, identification, pathogenicity, management and/or control. The main topics may include pathogen detection and identification using molecular methods (including next-generation sequencing technologies), isolation techniques, strain pathogenicity and virulence characterization employing in vitro/vivo assays, potential biocontrol agents, as well as disease management. It specifically welcomes research on economically important fruit crops affected by significant disease outbreaks. It also emphasizes biotechnological tools employed to enhance host resistance to causal agents (e.g., RNA silencing). Submission of studies uncovering gene expression patterns during infection, virulence and pathogenicity, host specificity and transition mechanisms is encouraged. By combining understanding of the biology of both host and pathogens, molecular biology methods and biotechnology tools, the research topic provides a basis for advanced knowledge in studying fungal diseases in fruit trees.

Guest Editor

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

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