



Microbiomes and Mycobiomes in Crop Health and Disease 2.0

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Message from the Guest Editor

Dear Colleagues,

Cooperation and competition among the members of a biome are forces that impact its structure, composition, and, ultimately, its equilibrium as a system. Plants harbor a complex habitat of fungal and bacterial communities whose stability is determined by intra- and interspecies interactions. Pathogen invasion and the subsequent multiplication in the host are known to disrupt healthy biomes.

The topics of this Special Issue explored include, but are not limited to, (1) defining the range of bacterial and fungal pathobionts, as well as the temporal dynamics of the transition to a diseased biome in diverse crop systems, and (2) understanding the impact of a pathogen on the 'microbe–microbe' relationships in a healthy biome, and how pathobionts may influence disease incidence and severity.

Keywords: pathobiome; pathobiont; plant/crop disease; microbiome; mycobiome





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Message from the Editor-in-Chief

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