Special Issue

Biological Control of Crop Pathogen and Fungi

Message from the Guest Editors

Crop diseases caused by pathogenic bacteria and fungi have seriously affected human society and nature through their damage to food production, economic development, ecological resilience, and natural landscapes over human history. In addition, many pathogens produce toxins that directly or indirectly threaten the health of humans and animals. Thereby, using a promising approach to disease management is of the essence. Among all control approaches for crop diseases, biological control is a method by inhibiting pathogens, improving plant immunity, and/or modifying the environment through the effects of beneficial microorganisms, compounds, or healthy cropping systems. This Special Issue focuses on explore more environmentally friendly microorganisms for crop diseases controlling, improving the performance of selected antagonists and studying their modes of action. This Special Issue on Biological Control of Crop Pathogenic Bacteria and Fungi will include interdisciplinary studies embracing agriculture with disciplines of microbiology, chemistry, molecular biology, fermentation technology and microbiome.

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