

## Special Issue

# Biotic Lines of Defence for Plant Disease Suppression in Soils

### Message from the Guest Editor

The diversity of soil organisms drives many processes that contribute to healthy, functioning soils. However, soil-borne diseases, caused by bacteria, fungi, oomycetes, viruses, and nematodes, are major factors limiting production and are often difficult to manage. This Special Issue aims to capture advances in soil-borne disease management through specific and general suppression, and through the interactions of plants and microorganisms with soil-borne pathogens. There have been advances in the knowledge of metabolites produced by specific soil organisms to reduce the invasion of plants by pathogens. Furthermore, progress has been made at a sub-cellular level, with an increase in the knowledge that soil organisms have in preparing plant defenses. There is also a growing awareness that soil management practices influence soil organisms and the microbiome, which affect the suppressiveness of soil-borne pathogens and the general health of the soil.

### Guest Editor

Dr. Tony Pattison

Department of Agriculture and Fisheries, Queensland Government,  
South Johnstone, QLD 4860, Australia

### Deadline for manuscript submissions

closed (1 August 2022)



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*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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