

## Special Issue

# Biological Control of Phytopathogens: Mechanisms and Applications

### Message from the Guest Editors

Biological control of phytopathogen attack involving microbial communities, single strains, or microbial secondary metabolites offers a sustainable alternative approach or supportive backup to disease control in agriculture or horticulture. However, more basic knowledge about the mechanisms involved is necessary before such approaches can widely and robustly applied. Plant microbiome studies and their integration with metabolomic and plant immune response research are bringing about new, in-depth understanding of complex interactions of beneficial and pathogenic microbes with plants leading to potential reduction or elimination of phytopathogens. In this Special Issue, examples of different microbial biocontrol mechanisms (either via direct inhibition or displacement of pathogens or via stimulation of plant defense) leading to control of plant diseases are welcome. Furthermore, reports about applications of microbial inoculants for biocontrol—as well as the application of microbial metabolites or signaling molecules—in greenhouse and field experiments are possible.

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### Guest Editors

Prof. Dr. Anton Hartmann

Department of Biology, Microbe–Host Interactions, Ludwig-Maximilian-University (LMU), München, Germany

Prof. Dr. Diogo Neves Proença

1. MED—Mediterranean Institute for Agriculture, Environment and Development & CHANGE—Global Change and Sustainability Institute, Faculdade de Ciências e Tecnologia, Universidade do Algarve, Campus de Gambelas, 8005-139 Faro, Portugal

2. Centre for Mechanical Engineering, Materials and Processes (CEMMPRE), Advanced Production and Intelligent Systems (ARISE), Department of Life Sciences, University of Coimbra, Calçada Martim de Freitas, 3000-456 Coimbra, Portugal

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### Deadline for manuscript submissions

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## Pathogens

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

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### Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

*Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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### Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine, Texas A&M University, 2121 West  
Holcombe Blvd., Suite 1007, Houston, TX 77030, USA

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