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Prevention and Management of Tree Diseases

Guest Editors:

Prof. Dr. Paolo Gonthier

Department of Agricultural,
Forest and Food Sciences,
University of Torino, Grugliasco,
Italy

Prof. Dr. Matteo Garbelotto

Department of Environmental
Science, Policy, and
Management, University of
California, Berkeley, CA 94720,
USA

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the management of infectious emergent diseases of trees caused by a wide range of pathogens, including viruses, phytoplasmas, bacteria, fungi, fungal-like organisms (e.g., oomycetes), parasitic plants, and nematodes. We encourage the submission of studies regarding science-based tree disease management approaches such as pathogen avoidance/exclusion or eradication, and pathogen control approaches employing host resistance, silvicultural strategies, and biological/chemical protection or therapies. Papers assessing the efficacy of biological control agents or chemical compounds only in vitro will generally not be considered, unless they bring new ideas or develop new analytical methods. Papers reporting disease control or the enhancement of health status of trees in association with the plant microbiome are particularly sought. Likewise, the identification of host resistance using modern approaches is of particular interest. Finally, conceptual and theoretical papers dealing with integrated disease management approaches are also welcome, as long as they are realistic and cost-effective.



mdpi.com/si/56347

Special Issue



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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

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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Journal Rank: JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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