Special Issue

Oomycetes Associated with Urban and Natural Forests: From the Past to the Future

Message from the Guest Editors

Oomyceteshas contain some of the most devastating and economically significant pathogens for agricultural species, forest ecosystems, and urban trees worldwide. Since climate change and global trade are the main drivers of the spread of Oomycetes species, it is expected that the phytosanitary importance of these pathogens in the coming years will remain consistent. This Special Issue of 'Microorganisms' aims to collate recent research on Oomycetes in urban environments and natural forest ecosystems, with particular focus on effector repertoires in oomycete genomes, diversity of host species and host range, the genetic and physiological mechanisms of host adaptation and specialization, early detection methods and mitigation strategies. We are seeking relevant original research or review papers addressing various aspects of Oomycetes research in the urban and natural forest ecosystems at both larger (regional or global) and smaller (local) scales.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2024)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/165119

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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