

Special Issue

Genomics, Molecular, Genetics, and Diversity of Plant Disease Resistance

Message from the Guest Editors

Plants are faced with thousands of pathogens and developed surveillance system that can detect the presence of the pathogen and activate powerful defense responses. Nowadays, many new technologies and resources for elucidation of nature and mechanisms underlying disease resistance in plants became to be available, including reference genomes, omics technics and modern phenotyping.

In this special issue, we welcome research papers dealing with topics related to the genomics, molecular genetics and diversity of plant disease resistance. This themed article collection aims to cover whole-genome analyses in single or different plant species for disease resistance gene/protein structures, including but not limited to evolutionary studies.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Moriya Tsuji

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