Special Issue

Application of Molecular Genetic Tools for Forest Pathology

Message from the Guest Editors

The involvement of molecular genetics in plant pathology aims to improve our understanding of dynamic interactions among various biotic and abiotic components, develop new methods for forest tree pathogen protection, and develop effective disease management strategies. New molecular genetic methods find application in both pests and pathogen diagnostics, control and management activities. In the field of diagnostics, several molecular genetic methods are available for identifying different pest/pathogen species and pathogen strains, as well as their evolutionary relationships. In the field of pests and pathogen control, the identification of genetic markers associated with tree resistance provides information that can be used in breeding programs for disease-resistant trees. This Special Issue provides a comprehensive overview of the latest developments in the application of molecular genetics in forest pathology. It aims to highlight advances in the use of molecular genetic tools in forest pathology, covering topics such as disease diagnostics, pests and pathogen detection and diversity, host–pathogen interactions, and disease management.

Guest Editors

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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