

Special Issue

Host Shifts in Plant Pathogens

Message from the Guest Editor

Plants and pathogens are in an arms race of defense and counter defense. Genetic diversity in the host population and the deployment of resistant cultivars imposes a selection pressure that results in changes in the genetic structure of pathogen populations over time. The evolution of pathogen populations is evident in the emergence of new variants, strains, or species with novel biological properties, including adaptation to new hosts. There are host, vector, environmental, and pathogen factors that contribute to evolution and host shifts. This Special Issue is focused on the mechanism of host shifts in plant pathogens. We invite you to submit original articles and review articles. This Special Issue will provide new knowledge and fundamental concepts related to the mechanisms on host and vectors, as well as environmental factors, which contribute to host shifts.

Guest Editor

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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.

Editor-in-Chief

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