

Special Issue

Entomopathogenic Fungi and Nematodes in Modern Agriculture

Message from the Guest Editors

Entomopathogenic fungi and nematodes, a large group of pathogens for insects, have been widely used for the management of insect pests worldwide in recent decades. This is a well-recognized pest control strategy that is not only effective for limiting the occurrence and damage of insect herbivores, but is also environmentally friendly. With the deepening of our understanding of the ecological relationships of the agro-ecosystem, research on entomopathogenic fungi and nematodes has been elevated to a new level. We are pleased to announce the launch of this Special Issue, which will highlight (1) the identification and characterization of entomopathogenic fungi and nematode species; (2) how insects respond to these pathogens; (3) how other organisms in the agro-ecosystem, including plants, plant pathogens, etc., interplay with these insect pathogens; and (4) how these pathogens have been used in the management of pests in sustainable agriculture. We welcome researchers to submit original research, reviews, mini-reviews, methods, and perspective articles covering potential sub-topics related (but not limited) to these research highlights.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2023)



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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. Hinh Ly

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