

## Special Issue

# Pathogenic Mechanisms and Biological Control in Entomopathogenic Fungi

### Message from the Guest Editors

The pathogenic mechanisms of insect pathogenic fungi are complex, infecting insects by adhering, germinating, and penetrating the host's exoskeleton, as well as proliferating and secreting toxins within the insect's body and tissues, ultimately leading to the death of the insect. In response, host insects have evolved their physical barriers, cellular and humoral immune responses, and antagonism against microorganisms to combat fungal infections, which insect pathogenic fungi must evade or overcome to successfully cause disease. The current limitations in understanding the pathogenic mechanisms of pathogenic fungi restrict their application in the field. Additionally, the characteristics of insect pathogenic fungal strains and their production, formulation, and field application techniques are important factors affecting the efficacy of field pest control. Therefore, providing the latest advances in the pathogenic mechanisms of insect pathogenic fungi and biological control can promote the application of insecticidal fungal pesticides. For this Special Issue, we encourage the submission of all relevant themed articles, including reviews, articles, or viewpoints, for consideration.

### Guest Editors

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### Deadline for manuscript submissions

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## About the Journal

### Message from the Editor-in-Chief

The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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