

Special Issue

Fighting Pathogens with Natural Antimicrobials

Message from the Guest Editors

The Special Issue will focus on the exploration and utilization of natural compounds with antimicrobial properties to combat a broad spectrum of pathogens, including multidrug-resistant bacteria and fungi and emerging microbial threats. We aim to present groundbreaking research on the efficacy, mechanisms, and application of plant-derived, bee, microbial and marine products and other bioactive natural compounds as alternatives or supplements to traditional antibiotics. The articles in this Special Issue will cover innovative strategies for harnessing natural antimicrobials in various forms, such as essential oils, phytochemicals, peptides, bee products, and enzymatic agents. This Special Issue will bring together interdisciplinary perspectives on how natural antimicrobials can serve as sustainable, safe, and effective tools in the global fight against infection.

Guest Editors

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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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