

Special Issue

Recent Progress and Future Perspectives on Omicron Infections

Message from the Guest Editors

The evolution of SARS-CoV-2 has led to the emergence of Omicron, which harbors over 30 mutations in the spike protein. Some of these mutations impair the neutralizing activities of vaccine- and infection-induced antibodies as well as of clinical antibodies. As Omicron continues to evolve into multiple different sublineages, it underscores the urgent demand for (1) basic scientific research to understand the epidemiology, pathophysiology, diagnosis, and therapeutics of SARS-CoV-2 Omicron subvariants; (2) developing universal COVID-19 vaccines and antiviral regimens that will provide a broader protection against current and new emerging variants. To follow up with the recent progress on SARS-CoV-2 Omicron subvariants, researchers are hereby cordially invited to submit their original research or review articles to the special issue.

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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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