

Special Issue

Molecular Mechanisms and Pathogenesis of Virus Infection

Message from the Guest Editor

Studies focused on pathogenesis aim to understand the sequence of events during the course of an infection within the host, and the mechanisms giving rise to these events. The factors that determine the viral transmission, multiplication, dissemination, and development of disease in the host involve complex and dynamic interactions between the virus and susceptible hosts. In recent years, we have witnessed the resurgence of many viral infections, in addition to the introduction of novel viruses, resulting in massive pandemics which have devastated millions of lives. Although there have been significant advances, important new emerging and re-emerging viruses still represent a major challenge to public health. Despite its importance, at present, no treatment or vaccines are available to control many of these viruses. In this Special Issue, we welcome the submission of original research articles, review articles, and short communications that contribute to an improved understanding of **Molecular Mechanisms and Pathogenesis of Virus Infection**.

Guest Editor

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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

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