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SARS-CoV-2 Infection and COVID-19 Disease

Collection Editors:

Prof. Dr. Luis Martinez-Sobrido

1. Department of Microbiology and Immunology, University of Rochester, Rochester, NY 14625, USA
2. Texas Biomedical Research Institute, San Antonio, TX 78245, USA

Dr. Marta L. DeDiego

Department of Molecular and Cellular Biology, National Center for Biotechnology-Spanish National Research Council, Madrid 28049, Spain

Message from the Collection Editors

Dear Colleagues,

The goal of this Special Issue “SARS-CoV-2 Infection and COVID-19 Disease” is to cover aspects related to viral infection and pathogenesis, epidemiology and evolution, virus–host interactions, prophylactic vaccine development, therapeutic antivirals, neutralizing antibodies, innate and adaptive immune responses, reverse genetics approaches, recombinant viruses, reporter-expressing viruses, animal models of viral infection, pathogenesis and transmission, and COVID-19 disease.

We hope this Special Issue will provide researchers with new insights on the biology of SARS-CoV-2 infection and its associated COVID-19 disease with the goal of unifying efforts to develop effective countermeasures to protect against SARS-CoV-2 infection and COVID-19 disease.



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Editor-in-Chief

Prof. Dr. Lawrence S. Young

Warwick Medical School,
University of Warwick, Coventry
CV4 7AL, UK

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.

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Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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