

Special Issue

Airborne Transmission of Pathogens

Message from the Guest Editors

Aerosol exposure occurs when pathogenic agents contained in aerosol droplets are passed from one animal or human to another, from animal to human, or from human to animal. Ventilation of the room where animals/humans live or other mitigation measures are also factors to be considered in experimental or field conditions. In certain conditions, droplets containing disease agents can pass through the air and are inhaled. Airborne transmission is effective for a variety of diseases depending on the species (e.g., foot-and-mouth disease, anthrax, Q fever, tuberculosis, aspergillosis, *Mycoplasma hyopneumoniae*, *Klebsiella pneumoniae*, pasteurellosis, human influenza, SARS-CoV-2, avian influenza, swine influenza, equine influenza, calicivirus), and several are zoonoses. I would like to invite colleagues investigating any of the pathogenic agents transmitted by airborne within the areas of their sampling detection (especially live pathogens), ecology, epidemiology, risk analysis, modelling, and mitigation measures, including individual protective equipment, to submit their manuscripts to this Special Issue in the form of original research and reviews.

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

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