

## Special Issue

# Respiratory Pathogens in Cystic Fibrosis

### Message from the Guest Editor

Cystic fibrosis (CF) is an autosomal recessive genetic disease that affects many organs. Over 2500 mutations in the CF transmembrane conductance regulator (CFTR) gene have been recognized, resulting in differences in disease severity. While there are many new treatments for this disease, the predicted survival age for an individual born today with CF is still less than 50 years. In this Special Issue of *Pathogens*, we invite submissions of original research articles, case reports, short communications, and review articles focused on “Respiratory Pathogens in Cystic Fibrosis” with the goal of increasing our understanding of how the CF lung environment promotes these unique host–microbe interactions and how this information can be leveraged into new therapeutic approaches for this population. The topics of interest include the viruses, bacteria, and fungi associated with CF, the CF microbiome, microbial community dynamics, antibiotic susceptibility and resistance, virulence factors and anti-virulence strategies, new infection models of CF, novel therapeutics, and host response to infection.

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### Guest Editor

Dr. Joanna B. Goldberg  
Emory University School of Medicine, Atlanta, USA

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### Deadline for manuscript submissions

closed (15 November 2021)

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## Pathogens

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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.

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### Editor-in-Chief

Prof. Dr. Hinh Ly

Department of Veterinary & Biomedical Sciences, University of  
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