



an Open Access Journal by MDPI

## Characteristics, Identification and Epidemiology of Respiratory Pathogens Associated with Airway Diseases

Guest Editors:

### Dr. Katalin Burián

1. Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary  
2. Department of Clinical Microbiology, University of Szeged, Szeged, Hungary

### Dr. Dóra Paróczai

1. Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary  
2. Department of Pulmonology, University of Szeged, Szeged, Hungary

Deadline for manuscript submissions:

**closed (10 April 2022)**

### Message from the Guest Editors

Dear Colleagues,

There is accumulating evidence that bacterial, viral, or fungal microbiota in the lungs predict the susceptibility of further airway infections, such as pneumonia, and contribute to the severity of different respiratory diseases. Respiratory infections could determine and worsen the outcomes of chronic obstructive pulmonary diseases (COPD) or asthma; however, there are many queries yet to be answered. In addition to widespread bacterial or viral microorganisms, there are far more pathogens with clinical relevance implicated in these diseases, but their role is not yet fully elucidated.

The aim of this Special Issue is to reveal the epidemiology of pathogens associated with respiratory diseases and to unravel potential mechanisms leading to disease severity. The scope will cover a range of bacterial, viral, or fungal infections; however, preference will be given to intracellular bacteria and fungi.

We look forward to receiving your contributions to this Special Issue. Please feel free to invite your young ambitious colleagues to submit either original research or review articles.



[mdpi.com/si/84359](https://mdpi.com/si/84359)

# Special Issue



an Open Access Journal by MDPI

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Microbiology*) / CiteScore - Q2 (*General Immunology and Microbiology*)

## Contact Us

---

Pathogens Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pathogens](http://mdpi.com/journal/pathogens)  
[pathogens@mdpi.com](mailto:pathogens@mdpi.com)  
[X@Pathogens\\_MDPI](https://twitter.com/Pathogens_MDPI)