



an Open Access Journal by MDPI

## Resistance, Virulence and Social Behavior as Leading Factors of Microbial Pathogens Fitness

Guest Editors:

**Prof. Dr. Veronica Lazar**

Microbiology & Immunology  
Department, Faculty of Biology,  
University of Bucharest, Soseaua  
Panduri nr. 90-92, Sector 5,  
050663 Bucharest, Romania

**Dr. Lia Mara Dițu**

Microbiology & Immunology  
Department, Faculty of Biology,  
University of Bucharest, Soseaua  
Panduri nr. 90-92, Sector 5,  
050663 Bucharest, Romania

### Message from the Guest Editors

For this special issue, both original research and review articles are welcomed. Potential topics include, but are not limited to:

- MDR pathogens;
- Virulence factors, fitness and their influence on bacterial and fungal pathogenesis;
- Biofilms and their tolerance to antimicrobials—means of recovering cell sensitivity;
- Anti-pathogenic strategies;
- *In vitro* and *in vivo* evaluation of novel antibacterial and anti-biofilm agents.

Deadline for manuscript  
submissions:

**closed (29 February 2024)**



[mdpi.com/si/132365](https://mdpi.com/si/132365)

# 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, Grosspeteranlage 5  
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)