

## Special Issue

# New Insights Into Zoonotic Intracellular Pathogens

### Message from the Guest Editors

Recent advancements in the study of zoonotic intracellular pathogens have significantly enhanced our understanding of diseases that can be transmitted from animals to humans. These pathogens, including bacteria like *Coxiella*, *Rickettsia*, and *Brucella*, as well as viruses such as Influenza, Zika, and Ebola, often evade the host immune response by residing within host cells.

Innovative techniques in molecular biology, such as PCR, genomic sequencing, and CRISPR-Cas9 gene editing, have allowed researchers to dissect the complex interactions between these pathogens and their hosts.

Furthermore, advancements in vaccination strategies and diagnostic tools are paving the way for more effective public health responses. Understanding the ecology and transmission dynamics of these pathogens is crucial, especially as climate change and urbanization increase the risk of zoonotic spillover events.

This Special Issue encompasses a comprehensive collection of research articles and reviews that delve into the intricate interactions between pathogens and their hosts.

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### Guest Editors

Dr. Tarka Raj Bhatta

Prof. Dr. Stephen Graves

Dr. John Stenos

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### Deadline for manuscript submissions

25 January 2026



## 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

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