

Special Issue

One Health: Pathogenesis of Bacterial Infections in Animals

Message from the Guest Editor

Bacterial infections are one of the major causes of animal diseases. Bacterial animal diseases include plague, glanders pseudotuberculosis, enteritis, metritis, mastitis, pneumonia, infectious anemia, anthrax, food poisoning, tuberculosis, Johne's disease, meningitis, hemorrhagic septicemia, and others. These diseases contribute significantly to the global disease burden, affecting both humans (zoonoses) and animals. In recent years, researchers have continuously improved diagnostic approaches and enhanced our epidemiologic knowledge of bacterial pathogens, especially emerging ones. The identification and control of emerging zoonotic bacterial diseases require a "One Health" approach. This Special Issue aims to provide new insights into the mechanisms bacteria use to invade and maintain infections in the animal host. We welcome original research articles, short communications, and reviews regarding all aspects of bacterial pathogenesis, the evolution of bacterial pathogens, the immune response to bacterial pathogens, or other related topics.

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2024)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



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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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