

Special Issue

Swine Bacterial Pathogens from a One Health Perspective

Message from the Guest Editor

Swine and their products have become a central part of food systems around the world. This Special Issue is focused on bacterial pathogens that have an effect on food security and food safety. Bacterial infectious diseases in pigs cause major welfare, health, and performance threats. Moreover, swine may transmit pathogens to humans via direct contact with live animals (occupational diseases), or to the general human population via contaminated meat. Indeed, increased stress to animals due to the intensification of the swine industry and the potential for amplification of pathogens in post-harvest environments can lead to contamination of pork and pork products. Bacterial pathogens should be addressed by specific preventive interventions that include involvement of all stakeholders from the human and animal health side. In this Special Issue, we aim to both summarize current knowledge and explore developments in mitigation strategies against swine bacterial pathogens from a One Health perspective. We welcome critical review articles, original research, and short communications related to risk analysis, surveillance, diagnostics, and control of these microorganisms.

Guest Editor

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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

Prof. Dr. Hinh Ly

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