

Special Issue

Advances in *Salmonella* Epidemiology and Pathogenesis

Message from the Guest Editors

Salmonella is a major foodborne pathogen responsible for human infections worldwide, causing illnesses such as diarrhea, gastroenteritis, and even death. To date, more than 2600 *Salmonella* serovars have been identified, each with distinct transmission dynamics and host preferences. In recent years, global trends indicate the emergence of novel serovariants in both animals and humans, new genetic traits facilitating zoonotic transmission, the rise of antimicrobial-resistant strains associated with persistent infections, and advancing research into the pathogenesis of non-typhoidal *Salmonella*. These developments highlight the need for continued investigation into the epidemiology and biological characteristics of *Salmonella* in animals, food, and humans. In particular, further studies are warranted to understand the infectivity and host adaptation of prevalent serovars with newly acquired genetic features.

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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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