

Special Issue

Advances in *Yersinia*: Pathogenesis, Host Response, Epidemiology and Ecology of Diseases, Prevention, and Treatment

Message from the Guest Editors

The *Yersinia* genus encompasses four major pathogens, including *Yersinia pestis*, which causes the deadly bubonic plague. Pathogen evolution and successful zoonotic transmission cycles have led to the emergence and reemergence of human diseases with associated mortality. This Special Issue focuses on understanding the pathogenesis, transmission, and evolution of diseases caused by *Yersinia* pathogens. We feature recent progress highlighted at the 15th International Yersinia Symposium, which took place in Ulaanbaatar, Mongolia, in September 2025, bringing together the top scientists worldwide to share recent progress towards understanding the global persistence of *Yersinia* pathogens. In addition to papers from the symposium, we welcome original research and review articles that address any of the *Yersinia* pathogenic species, including *Y. pestis*, *Y. pseudotuberculosis*, *Y. enterocolitica*, and *Y. ruckeri*. Articles that report on bacterial pathogenesis, disease ecology and epidemiology, transmission, and infection and immunity are responsive to this call.

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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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