Special Issue

Listeria monocytogenes: Strategies for Survival and Pathogenicity

Message from the Guest Editor

Listeria monocytogenes is a deadly food-borne pathogen renowned for its remarkable way to withstand a wide variety of environmental stressors, including food processing systems and the mammalian gastrointestinal tract. Its unique ability to survive fluctuations in temperature, pH, oxygen levels, and other hostile conditions makes it a persistent threat to both human and animal health. This Special Issue delves into the latest research on how L. monocytogenes leverages sophisticated stress response mechanisms to evade lethal challenges, including its strategies for escaping the immune system. By advancing our understanding of these survival tactics, we aim to uncover new approaches for controlling this dangerous pathogen.

Guest Editor

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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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