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Listeria monocytogenes and Its Interactions with the Host

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Message from the Guest Editor

The bacterium *Listeria monocytogenes* was first isolated in the 1920s. In adult humans, *L. monocytogenes* causes infections that range from gastroenteritis to life-threatening sepsis and meningitis. In addition to its importance as a cause of human disease, *L. monocytogenes* has proven to also be a remarkably useful and tractable model pathogen. With the development and application of genetic tools, many *L. monocytogenes* factors have been identified, mutated, and studied for their contributions to pathogenesis in cell culture and animal infections. Work with these wildtype and mutant *L. monocytogenes* strains continues to provide new insights into fundamental aspects of intracellular parasitism, cell biology, and cellular microbiology. Recent work has further explored the potential use of *L. monocytogenes* as a vector for delivery of antigens or other genes in the context of human vaccines and therapies. For this Special Issue of *Pathogens*, we invite you to submit a review article focused on an important aspect of *L. monocytogenes* and its interaction with host cells, model organisms, or human populations.



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Special Issue



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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.

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