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Understanding the Roles of Bacterial Foodborne Pathogens in Global Food Safety

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Message from the Guest Editors

Worldwide, the World Health Organization (WHO) estimates that 600 million foodborne illnesses occur annually. Bacterial foodborne pathogens have evolved to survive and flourish in a wide range of agricultural environments and hosts. Additionally, we are learning that these bacterial foodborne pathogens can affect lives well beyond the acute disease. We need to build on the growing amount of genomic information by focusing on genomics related to bacterial foodborne pathogens isolated from different locations and/or sources around the world and understand the evolutionary drivers of these pathogens between commodities, countries, and cultures. Finally, we need to determine whether new bacterial foodborne pathogens are emerging due to some new factor in the global food supply.

Pathogens is launching a Special Issue entitled “Bacterial foodborne pathogens: advancing knowledge of global food safety”, which aims to provide the latest research on global food safety issues related to bacterial foodborne pathogens that are vital to the challenges facing the global food system both now and in the future. Both original research and review articles will be accepted.



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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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