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# Pathogenic *Escherichia coli*: Pathogenesis, Virulence and Control Strategies 2.0

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# Message from the Guest Editors

Pathogenic Escherichia coli (E. coli) is the leading cause of intestinal and extraintestinal diseases in humans and livestock. To invade host cells, bacteria have gradually developed a variety of mechanisms to survive or take advantage of benefits within intracellular niches during the infection process. Thus, even though bacteria share similar virulence features, they might have pathogenic mechanism. Additionally, the molecular biology of the interplay between host and pathogenic E. coli is relatively poorly understood. This Special Issue aims to present the latest findings in this field and will cover all topics concerning the pathogenesis, virulence, and control strategies of pathogenic E. coli, including but not limited to: the immunomodulatory effect of metal ions and nutritional immunity, the regulatory effect of small noncoding RNA in pathogenic E. coli infections, new materials for preventing pathogenic E. coli infections, new methods for the detection and identification of pathogenic E. coli, and receptors for the host-pathogen interaction.













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## Message from the Editor-in-Chief

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