



Salmonella Infections: Trends and Updates

Guest Editor:

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Message from the Guest Editor

This Special Issue seeks to delve into various aspects of *Salmonella* infections, including, but not limited to, the following:

1. **Epidemiology and Surveillance:** an examination of global trends, outbreaks, and surveillance methods to track *Salmonella* prevalence and distribution;
2. **Molecular Biology and Pathogenesis:** insights into the molecular mechanisms underlying *Salmonella* pathogenesis, including virulence factors, host–pathogen interactions, and microbial adaptation strategies;
3. **Antimicrobial Resistance:** investigations of antimicrobial resistance patterns in *Salmonella* strains, mechanisms of resistance development, and implications for treatment and control strategies;
4. **One-Health Perspectives:** an exploration of the interconnectedness of human, animal, and environmental factors in *Salmonella* transmission dynamics, with a focus on interdisciplinary approaches and collaborative efforts;
5. **Prevention and Control Strategies:** an evaluation of novel preventive measures, vaccines, therapeutic interventions, and public health policies aimed at reducing the burden of *Salmonella* infections.





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Message from the Editor-in-Chief

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