

# Special Issue

## *Salmonella* Infections: Trends and Updates

### Message from the Guest Editor

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

- **Epidemiology and Surveillance:** an examination of global trends, outbreaks, and surveillance methods to track *Salmonella* prevalence and distribution;
- **Molecular Biology and Pathogenesis:** insights into the molecular mechanisms underlying *Salmonella* pathogenesis, including virulence factors, host–pathogen interactions, and microbial adaptation strategies;
- **Antimicrobial Resistance:** investigations of antimicrobial resistance patterns in *Salmonella* strains, mechanisms of resistance development, and implications for treatment and control strategies;
- **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;
- **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.

### Guest Editor

Dr. Taseen Desin

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### Deadline for manuscript submissions

28 February 2026



## Microorganisms

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## About the Journal

### Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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### Editor-in-Chief

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JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).