

## Special Issue

# Prevalence and Antimicrobial Resistance of Foodborne Pathogens in Food

### Message from the Guest Editors

Antimicrobial use for non-therapeutic purposes in production animals far exceeds the amount used in humans, creating significant selective pressure for the emergence of resistant bacteria. Antimicrobial-resistant zoonotic pathogens present in food pose a direct risk to public health by increasing medical treatment costs, prolonging hospital stays, and raising mortality rates. Consequently, antimicrobial resistance is recognized as a global threat and a growing public health issue. The emergence of extended-spectrum beta-lactamase (ESBL)-producing and multidrug-resistant isolates has raised concerns within the scientific community. The rapid development of resistance to commonly used antimicrobials is primarily due to the spread of resistance genes among bacteria, which is mainly facilitated by their horizontal transfer through mobile genetic elements. Therefore, monitoring antimicrobial resistance is of paramount importance.

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### Guest Editors

Prof. Dr. Luciana Ruschel Dos Santos  
Dr. Karen Apellanis Borges  
Dr. Laura Beatriz Rodrigues

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### Deadline for manuscript submissions

closed (15 December 2025)



## Foods

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### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

### Editor-in-Chief

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