



Foodborne Pathogens: Hygiene and Safety

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Message from the Guest Editors

Food safety is an issue of global concern. Since unsafe food creates a vicious cycle of disease and malnutrition and also has a detrimental impact on national healthcare systems and economies. Bacteria such as Salmonella, Campylobacter, Listeria monocytogenes, and Enterohaemorrhagic Escherichia coli are among the most common foodborne pathogens that affect millions of people annually, sometimes with severe and fatal outcomes. Further, antibiotic-resistant bacteria emerge and spread into the food chain through animals (e.g., Salmonella through chickens), rendering the treatment of infectious diseases ineffective in animals and humans. Other pathogens such as Norovirus, Hepatitis A virus, parasites, and prions can also cause serious foodborne disease outbreaks. Factors such as the preparation of food, the hygiene of eating establishments, eating habits, inadequate sanitation measures in food processing and distribution, and inadequate public health services may also contribute to the increase in foodborne illnesses.

In this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the field of foodborne pathogens, hygiene, and safety.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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