



Food Contamination and Foodborne Disease

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Message from the Guest Editors

Food hygiene and safety play a crucial role in public health and could be defined as the guarantee that the food is not harmful to the consumer when it is prepared or ingested according to its intended use. In addition to the nutritional aspects, the safety of food depends upon the absence of physical, chemical, and biological hazards. Biological risk is related to a massive amount of foodborne diseases that can affect humans by consuming food contaminated by pathogenic microorganisms. Therefore, this issue is focused on the recent research in food hygiene and safety, either on chemical or biological risks, specifically covering - but not restricted to - the following topics: occurrence of neo-formed contaminants and related mitigation measures; dietary exposure to endocrine disruptors such as phthalate esters and bisphenols; spoilage microorganisms and formation of biogenic amines; heavy metals in fisheries; pathogenic microorganisms in food and feed; emerging mycotoxins in food and feed. Papers dealing with the probabilistic and deterministic dietary exposure to xenobiotics or the strategies for the prevention of foodborne diseases are especially encouraged.





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Message from the Editor-in-Chief

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