

Exploring the Intricate Microbiology of Street Cuisine: Delving into Potential Dangers in Order to Enhance Safety and Quality

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Abstract : Street foods hold a significant place in the tapestry of socioeconomic and cultural norms, beloved across the globe. Serving as a convenient and affordable option for city dwellers seeking nourishment, these culinary delights also serve as a vital source of income for vendors, particularly women. Additionally, street food acts as a mirror reflecting traditional local customs and practices, an element that draws tourists to experience the authenticity of a culture firsthand. Despite its many virtues, concerns have emerged regarding the microbiological safety of street food worldwide. Often prepared and sold in subpar conditions without proper oversight or regulation, street food has become synonymous with potential health risks. The presence of elevated levels of fecal indicator bacteria and various pathogens in these unregulated delicacies further perpetuates anxieties surrounding their consumption. This analysis delves into the intricate microbiological intricacies inherent in street food, shedding light on the pertinent safety concerns and prevalent pathogens. Additionally, it elaborates on the worldwide standing of this vital economic endeavor. Moreover, it advocates for the adoption of molecular detection techniques over conventional culture-based methods to gain a more comprehensive grasp of the true microbial risks posed by street cuisine. Acknowledgment marks the initial step towards resolving any given issue.

Keywords : foodborne pathogens, microbiological safety, street food, viruses

Conference Title : ICFSFHFS 2024 : International Conference on Food Safety and Food Hygiene in Food Science

Conference Location : London, United Kingdom

Conference Dates : November 25-26, 2024