

JOINT EVENT

9th European **Food Safety & Standards Conference**

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3rd International Conference on **Food Microbiology & Nutrition**

November 29-30, 2018 | Dublin, Ireland

**Food Safety Systems for Identifying Critical Limits at Critical Control Points in Food Manufacturing:
A Case study of Commensality in West Africa****Ola Luqman Idris, Choi Hong Lai and Nadarajah Ramesh**
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Establishing critical limits at control points to meet food safety objectives is a challenge and an important task for the food industry. Traditional methods of identifying these limits require can be capital intensive for manufacturers in remote areas of developing economies where disposable income is minimum, and the cultural value of commensality is practiced. This work explored the case study of commensality in a West African community where foodborne illness is rampant, and obtained, using mathematical optimisation techniques, limits at control points of operation units which will help reduce severity of illness resulting from malnutrition and contamination.

Biography

Ola Luqman Idris is currently a PhD candidate at the Department of Mathematical Science of the University of Greenwich, London. He is very interested in the use of mathematical modeling to address challenges facing food security. His current research interests includes developing optimization systems to help reduce the risk of contamination in commensal eating in developing countries. Over the years, Luqman has been involved in a number of projects including designing of systems for consistent supply of quality raw material for use in the downstream. He is affiliated to a number of UK professional bodies including the Royal Association of British Dairy Farmers (RABDF), the British Institute of Agricultural Consultants (BIAC), the Institute of Agricultural Management, (IAgrM), and the Grain and Feed Trade Association (GAFTA).

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