SYMPOSIUM ON RECENT INTERNATIONAL DEVELOPMENTS IN FOOD SAFETY AND FOOD PRODUCTION

Friday, 8 May 2015
(8.00am to 6.30pm)
Singapore Marriott Tang Plaza Hotel

Time	Programme
08:00 - 09:00	Registration
09:00 - 09:15	Symposium Opening Speech Professor Freddy Boey *Deputy President and Provost* *Nanyang Technological University (NTU)*
09:15 – 09:30	**Session 1: Disease Burden and Chemical and Microbiological Developments in Food Safety** **Chair: James P Tam** *Professor* *School of Biological Sciences, NTU*
09:30 – 10:00	The WHO Global Foodborne Disease Burden Studies, initiated in 2007, up for Publication in 2015 Amy Cawthorne *Epidemiologist* *World Health Organisation (WHO)*
10:00 -10:30	MERS – A Novel Respiratory Zoonotic Coronavirus - Is it food-borne? Peter K. Ben Embarek, PhD *INFOSAN Manager & MERS Task Force Manager* *World Health Organisation (WHO)*
10:30 - 11:00	Coffee/Tea Break
11:00 - 11:30	Acrylamide – The Recognition of a Potential Carcinogen 'naturally occurring' in Food Jørgen Schlundt *Professor* *Technical University of Denmark* *Visiting Professor, NTU*

11:30 – 12:00	Antimicrobial Potential – The Developments of New Substances with Antimicrobial Properties Chan Bee Eng, Mary *Professor* *School of Chemical and Biomedical Engineering, NTU*
12:00 – 12:30	Non-Target Approach for Food Safety Testing: AVA Perspectives Wu Yuan Sheng, PhD *Deputy Director* *Agri-Food & Veterinary Authority of Singapore (AVA)*
12:30 – 13:00	The Future of Integration of Nutrition and Food Safety Systems Tan Sze Wee *Associate Professor and Deputy Executive Director* *Biomedical Research Council (BMRC)* *Agency for Science, Technology and Research (A*STAR)*
13:00 – 14:00	Lunch
14:00 – 14:15	**Session 2: Next Generation Sequencing (NGS) – A Revolution in One Health Microbiology for Food Safety and Epidemiology** **Chair: Teoh Swee Hin** *Professor & Chair* *School of Chemical and Biomedical Engineering, NTU*
14:15 – 14:45	The Global Microbial Identifier – How to Deal with Scientific and Political Obstacles to Open, International DNA Data Sharing Jørgen Schlundt *Professor* *Technical University of Denmark* *Visiting Professor, NTU*
14:45 – 15:15	INFOSAN – The International Food Safety Authorities Network – Future Use of NGS in International Outbreak Investigations Peter K. Ben Embarek, PhD *INFOSAN Manager & MERS Task Force Manager* *World Health Organisation (WHO)*
15:15 – 15:45	Sequencing the Full Microbiome – The Future of Understanding Microbial Communities in the Environment Stephan Christoph Schuster *Professor & Research Director* *Singapore Centre on Environmental Life Sciences Engineering (SCELSE)*
15:45 – 16:15	Coffee/Tea Break

16:15 – 16:45	A FAO/WHO Initiative to Provide Expert Advice on the Future Use of NGS Technology in Food Safety and Public Health Amy Cawthorne *Epidemiologist* *World Health Organisation (WHO)*
16:45 – 17:15	Modern Genomics Approach to Understanding Emergence of an Epidemic Campylobacter Clone Chen Swaine *Assistant Professor / Senior Research Scientist* *National University of Singapore / Genome Institute of Singapore*
17:15 – 17:45	Panel Discussion
17:45 – 18:15	Closing Remarks Teoh Swee Hin *Professor & Chair* *School of Chemical and Biomedical Engineering, NTU*