

13th International Symposium on Toxic Microorganisms
"Approaches for risk analysis and food safety"

Day 1 September 17th (Tue.)

9:00 – 9:30	REGISTRATION	
9:30 – 9:45	OPENING	
Session 1: Special Talk		
9:45 – 10:15	“The role of <i>Aspergillus oryzae</i> in supporting Japanese cuisine”	Dr. Harushi Nakajima (guest speaker, Meiji University)
10:15 – 10:30	BREAK	
Session 2: Seafood Toxin		Chairs; Dr. Deeds and Dr. Matsushima
10:30 – 12:00	“Immunochromatography test kit for PST and transition of PST in scallops”	Dr. Ryoji Matsushima (Fisheries Technology Institute, National Research and Development Agency)
	“Review of Puffer Fish Poisoning Incidents in the United States: 2002-Present”	Dr. Jonathan Deeds (U.S. Food and Drug Administration)
	“TTX accumulation in hybrid pufferfish caught off the coast of Japan”	Dr. Ryohei Tatsuno (guest speaker, National Fisheries University)
12:00 – 13:00	LUNCH	
Session 3: Foodborne Viruses		Chairs; Dr. Yu and Dr. Uema
13:00 – 14:30	“Occurrence of Human Norovirus and Hepatitis A Virus in Domestic Agricultural Waters and Methods Evaluation for Virus Concentration in Large Volumes of Agricultural Water”	Dr. Christine F Yu (U.S. Food and Drug Administration)
	“Detection of norovirus from food related to food poisoning incidents in Japan”	Dr. Masashi Uema (National Institute of Health Sciences)
	“Update on epidemiology and research of HEV in Japan”	Dr. Mari Tohya (guest speaker, National Institute of Health Sciences)
14:30 – 14:45	BREAK	
Session 4: Mycotoxin analysis		Chairs; Dr. Robin and Dr. Nakagawa
14:45 – 16:15	“U.S. FDA Regulatory Monitoring of Mycotoxins in Human Foods: 2008-2022”	Dr. Lauren Posnick Robin (U.S. Food and Drug Administration)
	“Biochemical degradation of mycotoxin aiming for attenuating the toxicity -patulin degradation by a filamentous fungus of <i>Acremonium</i> sp.-”	Dr. Hiroyuki Nakagawa (National Agriculture and Food Research Organization)
	“Study on the emerging trichothecene mycotoxin in cereal products retailed in Japan”	Dr. Tomoya Yoshinari (guest speaker, National Institute of Health Sciences)
16:15 – 16:30	BREAK	
Session 5: Mycotoxin and Fungi		Chairs; Dr. Lebar and Dr. Watanabe M
16:30 – 18:00	“Taxonomic study of moniliformin producing molds in the genus <i>Fusarium</i> derived from grains in Japanese retail stores”	Dr. Maiko Watanabe (National Institute of Health Sciences)
	“Preharvest mycotoxin prevention strategies in food and feed”	Dr. Matthew D. Lebar (U.S.D.A. Agricultural Research Service)
	“Chemical biology approaches to aflatoxin production: mode of action of inhibitors and alcohol metabolic dynamics”	Dr. Tomohiro Furukawa (guest speaker, National Agriculture and Food Research Organization)

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Day 2 September 18th (Wed.)

9:00 – 9:30	REGISTRATION	
Session 6: Analytical Challenge		Chairs; Dr. Tam and Dr. Okada
9:30 – 11:30	"Detection Technologies for Foodborne Pathogens and Toxins"	Dr. Christina C. Tam (U.S.D.A. Agricultural Research Service)
	" <i>Listeria monocytogenes</i> and its testing methods in Japan"	Dr. Yumiko Okada (National Institute of Health Sciences)
	"Development of technical specification for <i>Clostridium botulinum</i> detection that can be used as a reference method in Japan"	Dr. Eiki Yamasaki (guest speaker, National Institute of Health Sciences)
	"Recent trends in predictive microbiology and non-thermal processing"	Dr. Shigeki Koseki (guest speaker, Hokkaido University)
11:30 – 12:45	LUNCH	
Session 7: Foodborne Bacteria		Chairs; Dr. Carleton and Dr. Watanabe-Yanai A
12:45 – 14:45	"Overview of bacteria causing toxin mediated foodborne illness and laboratory investigations within the United States"	Dr. Heather Carleton (U.S. Centers for Disease Control and Prevention)
	"Transcriptomic analysis of <i>Campylobacter jejuni</i> "	Dr. Ayako Watanabe-Yanai (National Agriculture and Food Research Organization)
	"Foodborne outbreaks caused by enteroaggregative <i>Escherichia coli</i> heat-stable enterotoxin 1 gene (<i>astA</i>)-positive <i>E. coli</i> in Japan"	Dr. Sakura Arai (guest speaker, National Institute of Health Sciences)
	"Establishment of detection and identification method for histamine-producing bacteria and research on their behavior in fish"	Dr. Hajime Takahashi (guest speaker, Tokyo University of Marine Science and Technology)
14:45 – 15:15	BREAK	
Session 8: Foodborne Outbreaks and Epidemiology		Chairs; Dr. Wise and Dr. Ohnishi
15:15 – 16:45	"Multijurisdictional Foodborne Disease Outbreak Investigations, United States, 2023"	Dr. Matthew Wise (U.S. Centers for Disease Control and Prevention)
	"Prevalence of enterotoxigenic <i>Clostridium perfringens</i> in retailed foods and intestinal contents of animals in Japan"	Dr. Takahiro Ohnishi (National Institute of Health Sciences)
	"Large and Multijurisdictional foodborne disease outbreak in Japan"	Dr. Yuichiro Yahata (guest speaker, National Institute of Infectious Diseases)
16:45 – 17:00	BREAK	
Session 9: Special Talk		
17:00 – 17:30	"Research on marine toxins in Japan and my experience with the UJNR joint panel on toxic microorganisms"	Dr. Toshiyuki Suzuki (guest speaker, Fisheries Technology Institute, National Research and Development Agency)
17:30 – 17:45	CLOSING	