



12th International Conference on Molluscan Shellfish Safety

September 9-13, 2019

Ensenada, Baja California, México

The ICMSS is an initiative of researchers from various international institutions, including the Food and Agriculture Organization of the United Nations (FAO), related to the safety of molluscan shellfish. It seeks to be a forum for the diffusion and discussion of the advances and trends in this subject. Renowned experts from around the world will take part in the conference. Students, researchers, health authorities, producers of molluscan shellfish and interested public in this subject are welcome.

CONFERENCE PROGRAM

MON 9th	
8:00 9:00	Registration
9:00 10:00	Opening Ceremony COFEPRIS, CICESE, INAPESCA, CONAPESCA
	Programs for Sanitary Control of Molluscan Shellfish Chaired By: Jose Luis Sanchez Osorio, Ministry of Health, Baja California

10:00 10:20	Iddya Karunasagar, FAO expert, India: FAO Technical Guidance for the Development of the Growing Area Aspects of Bivalve Mollusc Sanitation Programmes
10:20 10:40	Rachel Hartnell, Centre for Environment, Fisheries & Aquaculture Science CEFAS, UK: A new FAO Reference Centre for Bivalve Shellfish Sanitation - Global Food In A Global World
10:40 11:00	Coffee Break
11:00 11:30	Conference Keynote: Soraya Sandoval Riquelmes, Public Health Institute, Chile: Importance Of The Performance Evaluation Of Laboratories In The Sanitary Control Programs For Molluscan Shellfish
11:40 12:00	Zaira Ivonne Padrón, Ministry of Agriculture of Tamaulipas: Laguna Madre's Aquaculture Vocation for Molluscan Shellfish in Tamaulipas, Mexico
12:00 12:20	Ana María Rivas Montaña, Instituto Tecnológico de Mazatlán: Changes in Aquatic Bacterial Communities, Case; Cyanobacteria in Caimanero Lagoon, Sinaloa
12:20 12:40	Jorge Caceres Martinez, CICESE, México: Potential Zoonotic Parasitosis Associated With the Consumption of Bivalve Mollusks in Mexico: Case of the Clam <i>Chione fluctifraga</i>
12:40 13:00	Benjamin H Maskrey, CEFAS, UK: Seasonal Occurrence of Pharmaceuticals and Related Compounds in Bivalve Molluscs from England and Wales
13:00 13:30	Rachel Hartnell. CEFAS, UK: Public Health England's Shellfish Proficiency Testing Scheme - What Does the Data Tell us?
13:30 15:30	Lunch

TUE 10th	
	Pathogenic Organisms In Molluscan Shellfish Of Interest In Public Health- Virus Chaired By: Jesus Romalde
9:30 10:30	Conference Keynote: Hongsik Yu, National Institute of Fisheries Sciences, Republic of Korea: Korean Experience in Mitigation of Viral Contamination in Shellfish Growing Areas
10:40 11:00	Jesus Romalde, Universidad de Santiago de Compostela, Spain: Prevalence of Sapovirus in Molluscan and Clinical Samples from Galicia (NW Spain)
11:00 11:20	Sylvain Parnaudeau, IFREMER, France: Prevalence of Norovirus in French Oyster Production Areas and Approved Dispatch Centres
11:20 11:40	Coffee Break
11:40 12:00	Hajime Toyofuku, Yamaguchi University, Japan: Norovirus in Oyster in Japan
12:00 12:20	Joanne Hewitt, Institute of Environmental Science and Research Limited, New Zealand: Pepper Mild Mottle Virus as an Indicator of Norovirus Contamination on Shellfish
12:20 12:40	William Burkhardt III, US FDA: Joint US/Canadian Quantitative Risk Assessment Model Addressing the Risk Posed by NoV in Bivalve Molluscan Shellfish
12:40 13:00	Ernesto García, CICESE: Marine lipophilic toxins in cultivated mussels (<i>Mytillus galloprovincialis</i>) from Baja California, Mexico, an eight year survey

13:00 14:30	Lunch
14:30 16:00	Round Table Virus (Chair: Hongsik Yu, National Institute of Fisheries Sciences)
16:30 18:00	Poster Session

WED 11th	
9:00 16:00	Technical and Cultural tours

THU 12th	
	Pathogenic Organisms in Molluscan Shellfish of Interest in Public Health- Bacteria Chaired By: Arturo Vargas, COFEPRIS
9:30 10:30	Conference Keynote: Bruno Gil Gómez, CIAD, México: Bacterial Diversity in Oysters
10:40 11:00	Christopher Schillaci, Massachusetts Division of Marine Fisheries, USA: Applying environmental surveillance and epidemiology to manage <i>Vibrio parahaemolyticus</i> risk associated with shellfish consumption
11:00 11:20	Jessica Jones, US Food and Drug Administration FDA: Management of <i>Vibrio</i> Risk from Oysters
11:20 11:40	Coffee Break
11:40 12:00	Stephen Jones, University of New Hampshire US: Managing Oyster Aquaculture Practices to Reduce <i>Vibrio Parahaemolyticus</i> Risks in the Northeast United States
12:00 12:20	Cesare Ciccarelli, Asur Marche, Italy: Review of Shellfish Harvesting Area Classification: Comparison of Different Frequencies and Minimum Required Number of Sampling Result
12:20 12:40	Marcial Leonardo Lizarraga-Partida, CICESE Mexico: <i>Vibrio vulnificus</i> in Mexico
12:40 13:00	Arturo Vargas, COFEPRIS, Mexico: Prevalence of Serotypes of <i>Salmonella</i> spp. in Shellfish in Mexico
13:00 14:30	Lunch

14:30 16:00	Round table Vibrios (Chair: Bruno Gomez Gil, CIAD)
	Phytoplankton and Biotoxins Chaired By: Juan Carlos Lapuente, Deputy Director of INAPESCA
16:20 16:40	Markus Obkircher, Merck, Switzerland : Certification of Marine Toxins by Quantitative NMR (qNMR) and Isotope Dilution MS (IDMS)
16:40 17:00	Casimiro Ramirez, INAPESCA, Mexico: Proposal to Implement a Monitoring Network of Harmful Algal Blooms Formed by Civil Society People in BCS
17:00 17:20	Lorena Durán-Riveroll, Alfred-Wegener-Institut, Germany: Current State and Perspectives of Harmful Algal Blooms in Mexican Coasts
17:20 17:40	Christine J. Band Schmidt, Centro Interdisciplinario de Ciencias Marinas, Mexico: Paralytic Toxin Producing Dinoflagellates in Latin America: Ecology and Physiology

FRI 13th	
9:00 9:20	Víctor Mondragón, Agilent México: Analysis of microcystins and nodularin in drinking water using LC/MS triple quadrupole
9:20 10:00	Ignacio Leyva, Centro Interdisciplinario de Ciencias Marinas, Mexico: Are Lipophilic Toxins a Contamination Risk for Wild Bivalves From Bahía de La Paz, Baja California Sur Mexico?
10:00 10:20	Krista Thomas, National Research Council, Canada: Reference Materials for Analysis of Tetrodotoxin in Seafood
10:20 10:40	Erick Nuñez Vazquez, CIBNOR, Mexico: Profile of Paralytic Shellfish Toxins of <i>Pyrodinium bahamense</i> and First Detection of Tetrodotoxin in Mexican Bivalve Mollusks
10:40 11:00	Coffee Break
11:00 11:20	Isabelle Rajotte, National Research Council, Canada: Structure Elucidation and Relative Toxicity of (24R)-24 Hydroxyyessotoxin from a Namibian Isolate of <i>Gonyaulax spinifera</i>
11:20 11:40	Erick Nuñez Vazquez, CIBNOR, Mexico: Etiology and Epidemiology of Paralytic Shellfish Poisoning in Latin America
11:40 12:00	Allan Cembella, Alfred-Wegener-Institut, Germany: Metabolic transformation of paralytic shellfish toxins: Consequences on Toxin Composition and Toxicity Kinetics in Molluscan Shellfish
12:00 13:00	Conference Keynote: Andrew Turner, CEFAS UK: International Validation of the Boundy Method for UHPLC-HILIC-MS/MS Determination of PSP Toxins and Tetrodotoxins in Bivalve Mollusc Shellfish

13:00 14:30	Lunch
14:30 14:50	Gonzalo Fuenzalida Del Rio, Instituto de Fomento Pesquero, Chile: Unravelling the causes of an exceptional marine fauna-killing red tide by the toxigenic family Kareniaceae in southern Patagonia
14:50 16:30	Round Table: Biotoxins (Chair Andrew Turner, CEFAS)
16:30 17:00	Additional themes for members of Advisory Committees (To be confirmed)
16:30 17:00	Closing Session Closing Remarks, Presentation on location of ICMSS 2021