



# 2023 AOAC SEA Section 2nd Annual Conference

## Facilitating Compliance for Food Safety and Quality in International Trade

*August 1-2, 2023 | Ho Chi Minh City, Vietnam*



# CONFERENCE PROGRAM BOOK



→ [SigmaAldrich.com/FoodTestingHeroes](http://SigmaAldrich.com/FoodTestingHeroes)

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## Preparation

### Analytical Sample Prep

#### • Chromatography Sample Prep

- SPME
- SPE & QuEChERS



#### • Millex® Filtration Tools, Smplicity® system



#### • Solvents: EMSURE®, EMPARTA®, EMLURA®, Biotech solvents, Greener Alternatives, ...



### Microbiology Sample Prep

#### • Homogenizer and Sample Dilution

#### • Sample Enrichment



## Chemical Sample Analysis

### Chromatography

- U/HPLC-MS, GC columns
- TLC plates
- Accessories
- Solvents, Reagents
- Reference Materials



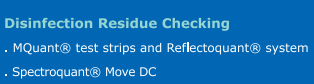
### General & Karl Fischer Titration products

- Titripur®, Titripac®, Titrisol® Volumetric solutions
- Aquastar® Karl Fischer reagents & standards
- Certipur® Volumetric Standards & pH Buffer CRMs
- Titration Goes Digital



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- Reflectoquant® System - instrument & test strips
- MQuant® Test Strips - Screen on the Go
- MQuant® pH Indicator Test Strips
- MQuant® Colorimetric & Titrimetric Tests
- Portable Photometry with Spectroquant® Move 100 Colorimeter



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- MQuant® test strips and Reflectoquant® system
- Spectroquant® Move DC

### Spectroquant® Photometric System for Water, Food & Beverage Analysis

- Spectroquant® Prove 100, 300, 600 Instruments
- Spectroquant® Test Kits
- Spectroquant® Ready-to-use Reference Materials



### Enzymatic Assay Kits for Food & Beverages



## Microbiology Sample Analysis

### Microbial Air Monitoring

- HYCON® Agar Strips
- MAS-100 Eco® air sampler
- LI Settle Plates



### Microbial Membrane Filtration

- EZ family (pump, manifold, funnels, membranes & dispenser, Rapid Detection system)



### Rapid Surface Monitoring

- Hygiene monitoring system MVP ICON®
- HY-RISE®
- Flash®



### Culture Media

- Dehydrated Culture Media
- Ready-To-Use Culture Media
- Color-coded MC-Media Pad®
- Rapid Culture Media Solutions for Special Matrices: SimPlate® Test



### Rapid Pathogen Detection

- Assurance® GDS system
- VIP® Gold single-step visual lateral flow immunoassay test
- Singlepath® & Duopath® singlestep visual lateral flow immunoassay test
- TRANSIA AG TRANSIA® PLATE (Enzyme ImmunoAssay)



### Microbial Identification

- Biochemical reagents
- HybriScan®



## Calibration, Qualification & Documentation

### Standards and Certified Reference Materials

- Pesticide Standards
- Biotoxins
- Veterinary Drugs
- Other Contaminants (Heavy Metals, Food Packaging Contaminants, Organic Pollutants, Food Dyes, Sweeteners & E-numbers)
- Food Identity Testing (GMO, DNA standards, Food Allergens, Botanical extracts, Essentials oils)
- Food Quality Testing (Ions, Vitamins, Fatty acids & lipids, phytochemicals)
- Physical Property Standards

### Microbiology CRMs

- Bacteria, Yeast, Molds, Negative Controls

### Supporting Documentation

- Quality Management System
- ISO Certificate
- Quality Service
- Regulatory Excellence
- Supply Chain Excellence



### Safety in Laboratory

- Safety accessories
- Spill kit
- Extran® cleaning agents
- Chemizorb® Absorbent for spilled liquids



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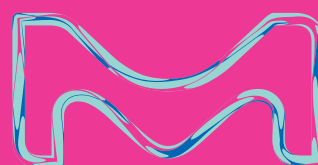
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The Life Science business of Merck operates as MilliporeSigma in the U.S. and Canada.

Welcome to the 2023 AOAC SEA 2nd Annual Conference on **Facilitating Compliance for Food Safety and Quality in International Trade**. We hope you have a good knowledge sharing and networking opportunity so that together we can drive the development of analytical competence and capability through mutual recognition and improve the standards and performance of analytical science.

This conference is co-organized by the **Institute of Drug Quality Control in Ho Chi Minh City (IDQC-HCMC)**.

## CONFERENCE SPONSORS

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## TECHNICAL BRIEFING



Please put your phone on vibration mode and use the area outside the ballroom for urgent calls.



Q&A sessions will be at the end of each presentation and are approximately 2 minutes long.



Please be mindful of time and return to the conference area on time.



We hope you have a great time networking and finding collaboration opportunities with the community.



In case of emergency, we need to follow the emergency protocol as briefed by the hotel staff and gather at the nearest emergency exit.

## CONFERENCE FEEDBACKS



At the end of the conference, please respond to the feedback form so that we can improve your experience for the next year.

## AOAC SEA PARTNERS

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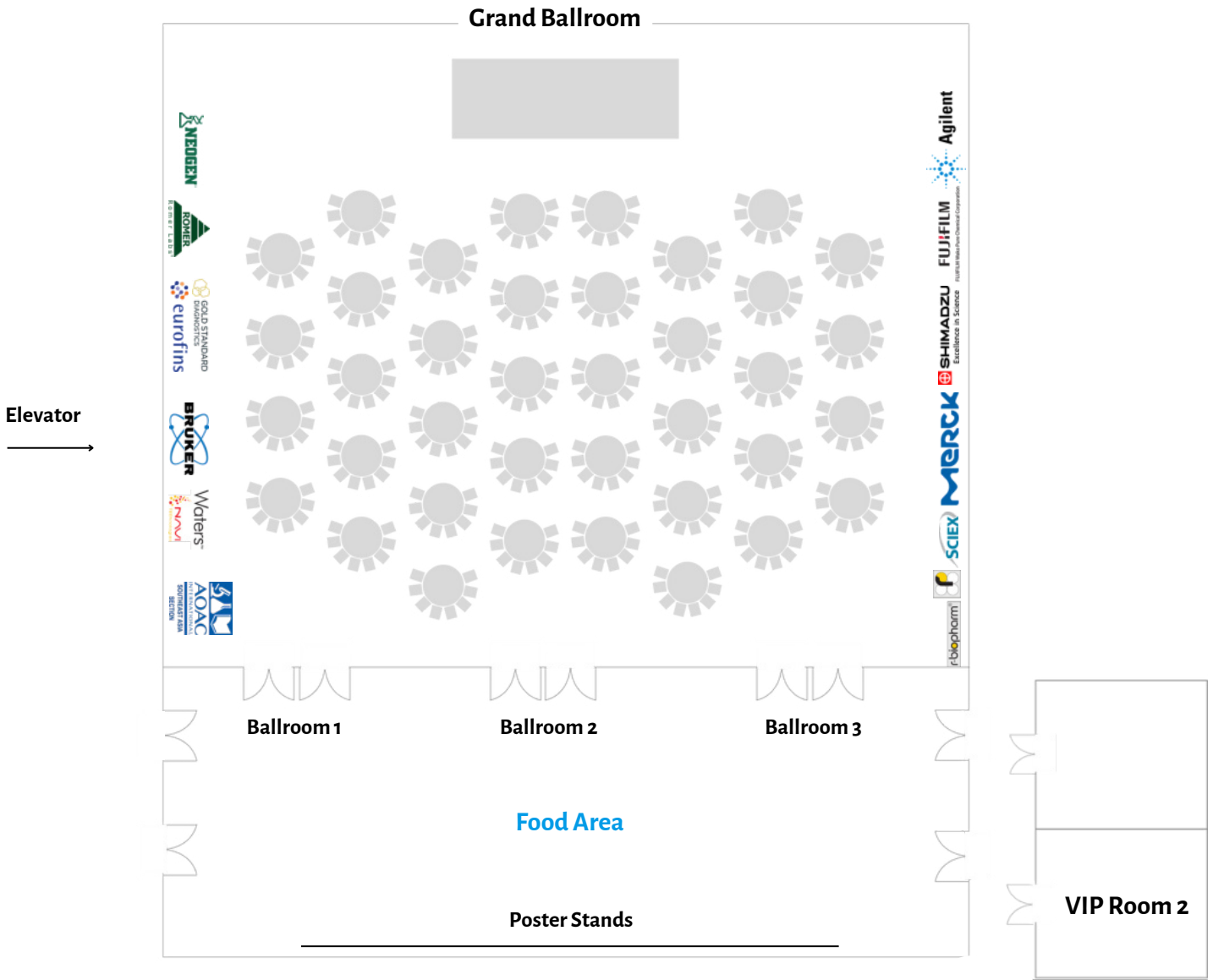
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EST 1976

and our Conference Co-organizer and Collaborator in Vietnam:



## Sheraton Saigon Hotel & Towers, Level 3

The conference will take place at **Level 3 Grand Ballroom & VIP Room 2** of Sheraton Saigon Hotel & Towers. Lunch will be served at the conference area on Aug 1, 2023, and at **Level 1 Restaurant** on Aug 2, 2023.



## Huong Sen Hotel

Gala Dinner (18:30 - 21:30 PM on Aug 1, 2023) will be held at Huong Sen Hotel, which is a minute walking from Sheraton Saigon Hotel & Towers.



## Level 3 Grand Ballroom

Time	Content	Speaker
<b>7:30 - 8:30</b>	<b>Registration (Level 3 Corridor)</b> Conference Venue (Level 3 Grand Ballroom), Poster Session (Outside Grand Ballroom)	
8:30 - 8:38	<i>Welcome Speech by AOAC SEA</i>	<b>Dr. Xiping Hou</b> , President of AOAC SEA
8:40 - 8:48	<i>Welcome Speech by IDQC-HCMC</i>	<b>Dr. Tran Viet Hung</b> , Director General of IDQC-HCMC, Vietnam
8:50 - 9:00	<i>Opening Speech</i>	<b>VIP from ministry</b> (tbc)
9:00 - 9:30	<i>Keynote Speech</i> The Tendency of Referencing to AOAC Methods in TCVNs, QCVNs and Harmonizing TCVNs in the Food Chain According to the AOAC Methods	<b>Dr. Trieu Viet Phuong</b> , Deputy Director of Vietnam Standards and Quality Institute (VSQI), Vietnam
9:30 - 9:50	<i>Merck</i> Ensure Food Safety by Rapid Food Pathogen Testing in Probiotic Infant Nutritionals	<b>Mr. Andrew Lienau</b> , Food Regulatory and Validation Senior Expert, MilliporeSigma, USA
9:50 - 10:00	Appreciation & VIP photo taking	
10:00 - 10:30	Coffee Break (Outside Grand Ballroom)	
10:30 - 10:50	Applying the AOAC Method to Food Testing at Accredited Laboratories in Vietnam	<b>Ms. Hoang Thanh Duong</b> , Head of Testing Accreditation Division, Bureau of Accreditation (BoA), Vietnam
10:50 - 11:10	Challenges with Total Sugar Analysis	<b>Dr. Erik Konings</b> , Past-President of AOACI; R&D Expert, Nestlé Institute of Food Safety and Analytical Sciences, Switzerland
11:10 - 11:30	AOAC & ISO Harmonization in Microbiological Test Methods Validation	<b>Ms. DeAnn Benesh</b> , Past-President of AOACI; Board Director of MicroVal; Global Scientific Affairs Manager, Neogen, USA
11:30 - 12:00	<i>Panel Discussion</i> Method Standardization - Key to Reduce Technical Barrier in Cross-border Trade	<i>Panelists:</i> <b>Dr. Trieu Viet Phuong</b> , VSQI, MOST, Vietnam; <b>Ms. Hoang Thanh Duong</b> , BoA, MOST, Vietnam; <b>Dr. Erik Konings</b> , Past-President of AOACI; Nestlé, Switzerland; <b>Ms. DeAnn Benesh</b> , Past-President of AOACI; Neogen, USA; <b>Dr. Xiping Hou</b> , President of AOAC SEA; BV-AQ, Singapore <i>Moderator:</i> <b>Mr. Darryl Sullivan</b> , Past-President of AOACI; Eurofins, USA
12:00 - 12:15	Appreciation & Announcements	
12:15 - 13:45	Lunch (Grand Ballroom; buffet)	
13:45 - 14:05	Heavy Metal Testing and Regulation in Vietnam	<b>Ms Phan Bich Ha</b> , Vice Director of Southern Regional Testing Center for Food Safety, Institute of Public Health, HCMC, Vietnam
14:05 - 14:25	Rapid Detection, Qualitative and Quantitative Analysis of Banned Chemical Substances Added in Dietary Supplements in Vietnam	<b>Mr. Phan Nguyen Truong Thang</b> , Head of R&D Department, Institute of Drug Quality Control, Ho Chi Minh City, Vietnam
14:25 - 14:45	Nitrosamines – Analytical Methods and Risk Assessment in Vietnamese Food	<b>Ms. Nguyen Thi Hong Ngoc</b> , Laboratory Manager, National Institute for Food Control (NIFC), Vietnam
14:45 - 15:05	<i>Agilent</i> Determination of Over 500 Pesticides in Spice by EMR-GPD Passthrough Cleanup and a Novel Triple Quadrupole LC/MS System	<b>Ms. Boonraksa Srisawang (Nik)</b> , Business Solution Development Manager for Emerging Countries, Agilent Technologies, Singapore
15:05 - 15:25	<i>Romer Labs</i> Making the World's Food Safer	<b>Ms. Mabel Ng</b> , Regional Product Manager, Romer Labs Asia Pacific, Singapore
15:25 - 15:35	Appreciation & Announcements	
15:35 - 16:05	Coffee Break (Outside Grand Ballroom)	
16:05 - 16:25	Overview of MicroVal Method Validation Organization	<b>Ms. DeAnn Benesh</b> , Past-President of AOACI; Board Director of MicroVal; Global Scientific Affairs Manager, Neogen, USA
16:25 - 16:45	Tolerance Limits for Nutrient Declaration and Claims	<b>Dr. E Siong Tee</b> , TES Nutrihealth Strategic Consultancy, Malaysia
16:45 - 17:05	Sequencing the Future of Probiotics: Next Generation Testing for Safety and Quality	<b>Professor Chai Lay Ching</b> , Pro Vice Chancellor (Education), Sunway University, Malaysia
17:05 - 17:25	<i>Gold Standard Diagnostics / Eurofins</i> Microbiology: Identification of Pathogen	<b>Mr. Daniel Tan</b> , Business Unit Manager, Gold Standard Diagnostics Singapore
17:25 - 17:45	<i>Bruker</i> Application of MALDI Biotyper for Microorganism Identification in Food Testing Laboratories and Food Industries	<b>Ms. Tran Thi Anh Nguyet</b> , Head of Microbiology – GMO Testing Laboratory – AFRL for Food Microbiology, Quality Assurance and Testing center 3 (QUATEST 3), STAMEQ, MOST, Vietnam
17:45 - 17:50	Appreciation & Announcements	
<b>18:30 - 21:30</b>	<b>Gala Dinner (Huong Sen Hotel - Across the street; Map available in this Conference Program Book)</b>	

## Level 3 Grand Ballroom

Time	Content	Speaker
7:30 - 8:30	<b>Registration (Level 3 Corridor)</b> Conference Venue (Level 3 Grand Ballroom), Poster Session (Outside Grand Ballroom)	
8:30 - 9:00	<i>Keynote Speech (Virtual)</i> Food Safety Initiatives: Current and Future Standard Development Activities at AOAC INTERNATIONAL	<b>Dr. Katerina (Kate) Mastovska</b> , Deputy Executive Director and Chief Science Officer of AOAC INTERNATIONAL (AOACI), USA
9:00 - 9:20	<i>Virtual</i> PFAS: Development in Global Regulations, Analytical Challenges and AOAC Activities	<b>Dr. Susan Genualdi</b> , Research Chemist, Food and Drug Administration, Center for Food Safety and Applied Nutrition, Office of Regulatory Science, USA
9:20 - 9:40	<i>Virtual</i> Updates From the AOAC Heavy Metals Working Group	<b>Dr. Kevin Kubachka</b> , Analytical Chemist, Food and Drug Administration, Forensic Chemistry Center, USA
9:40 - 9:50	Q&A	
9:50 - 10:05	<i>Shimadzu</i> Microplastics and Mineral Oil Contaminants in Food	<b>Dr. Jackie</b> , Assistant Product Manager (GC & GCMS), Shimadzu (Asia Pacific) Pte Ltd
10:05 - 10:35	Coffee Break (Outside Grand Ballroom)	
10:35 - 10:50	Student Awards Ceremony	
10:50 - 11:10	Risk Assessment and Development of Ethylene Oxide Risk Mitigation Guidelines for Food	<b>Dr. Didik Joko Pursito</b> , Head of Commercial Processed Food Production Control, The Indonesian FDA, Indonesia
11:10 - 11:30	Pesticides Residues in Food and Food Products: Analysis and Codex Standards for Maximum Residue Limits	<b>Ms. Edna Callejas-Mijares</b> , RCh., MSc., CEO of Jefcor Laboratories, Inc., Philippines
11:30 - 11:50	Current Approaches of Pesticide Multi-residue Analysis in Food for Regulatory Compliance	<b>Dr. Kaushik Banerjee</b> , Director of ICAR NRC Grapes, India
11:50 - 12:20	<i>Panel Discussion</i> Needs of Pesticide Analysis in the Southeast Asia Region	<i>Panelists:</i> <b>Ms. Edna Callejas-Mijares</b> , Jefcor Laboratories, Inc., Philippines <b>Dr. Kaushik Banerjee</b> , ICAR NRC Grapes, India <b>Dr. Annabelle Briones</b> , Director, Department of Science and Technology - Industrial Technology Development Institute (DOST-ITDI), Philippines <b>Dr. Tran Cao Son</b> , Deputy Director, National Institute for Food Control (NIFC), Vietnam <i>Moderator:</i> <b>Dr. Erik Konings</b> , Past-President of AOACI; R&D Expert, Nestlé Institute of Food Safety and Analytical Sciences, Switzerland
12:20 - 12:25	<i>New Project Announcement</i> Pesticide Multiresidue Analysis in Herbs and Spices	<b>Dr. Erik Konings</b> , Past-President of AOACI; R&D Expert, Nestlé Institute of Food Safety and Analytical Sciences, Switzerland
12:25 - 12:35	Appreciation & Announcements	
12:35 - 14:00	Lunch (Level 1 Restaurant)	
<b>Workshop 1: AOAC Official Methods and Method Validation (Level 3 Ballroom 2)</b>		
14:00 - 14:30	• AOAC INTERNATIONAL Process for the Development and Use of SMPR's in Standards Development	<b>Mr. Darryl Sullivan</b> , Chair of AOAC SPIFAN and Past-President of AOACI; Chief Scientific Officer, Eurofins Scientific, USA
14:30 - 15:00	• Measurement Uncertainty in Chemical Analysis	<b>Dr. Erik Konings</b> , Past-President of AOACI; R&D Expert, Nestlé Institute of Food Safety and Analytical Sciences, Switzerland
15:00 - 15:30	• AOAC INTERNATIONAL Method Validation Process	<b>Mr. Darryl Sullivan</b> , Chair of AOAC SPIFAN and Past-President of AOACI; Chief Scientific Officer, Eurofins Scientific, USA
15:30 - 16:00	Coffee Break (Outside Grand Ballroom)	
<b>Workshop 2: Assuring Microbiological Quality of Food (Level 3 Ballroom 2)</b>		
16:00 - 16:30	• AOAC Microbiology Method Validation	<b>Mr. Andrew Lienau</b> , Food Regulatory and Validation Senior Expert, MilliporeSigma, USA
16:30 - 17:00	• Environmental Monitoring of Pathogens	<b>Ms. Kumud Ashish Singh</b> , Senior Regulatory Expert – Food (South Asia), Merck Life Science Pvt Ltd, India
17:00 - 17:30	• How to Participate and Use PT Results Effectively?	<b>Ms. Ho Tran Ngoc Quyen</b> , Head of Proficiency Testing Department of QUATEST 3 - AFRL for Food Microbiology, Vietnam
17:30 - 17:45	<b>Closing session (Level 3 Ball Room 2)</b>	

**In the afternoon, there are also parallel activities in Level 3 VIP Room 2 (next page).**

## Level 3 VIP Room 2

Time	Content	Speaker
7:30 - 8:30	<b>Registration (Level 3 Corridor)</b> Conference Venue (Level 3 Grand Ballroom), Poster Session (Outside Grand Ballroom)  Morning session in Level 3 Grand Ballroom	
	<b>Working Group Connect Session I (Level 3 VIP Room 2)</b>	
13:10 - 13:50	<b>Emerging Issues Working Group Connect</b> <i>Please feel free to join, even if you haven't signed up for the working group yet!</i>	
	<b>Breakout Session I (Level 3 VIP Room 2)</b>	
14:00 - 14:20	<i>Merck</i> The World of Food & Beverage Reference Standards	<b>Ms. Anh Thai</b> Solution Scientist on Chemistry Merck Vietnam, Ho Chi Minh City, Vietnam
14:20 - 14:40	<i>SCIEX</i> What Am I Eating? An Exploration of PFAS in Food and Food Contact Materials	<b>Mr. Yip See Chung</b> Field Application and Market Development Manager, ASEAN SCIEX
14:45 - 15:05	<i>FUJIFILM</i> Standard Setting Activities for Food Safety and Quality in International Trade	<b>Mr. Toru Miura</b> Principle Scientist FUJIFILM Wako Pure Chemical Corporation
15:05 - 15:25	<i>Waters</i> A Global Eye on PFAS: The Forever Chemical in Food, Non-Stick Pans and Takeout Boxes	<b>Dr. Zhang Wenlin</b> Food & Environment Market Development Manager Waters Pacific Pte Ltd
15:30 - 16:00	Coffee Break	
	<b>Breakout Session II (Level 3 VIP Room 2)</b>	
16:00 - 16:20	<i>Abbott</i> Determination of Multiple Human Oligosaccharides (HMOs) in Milk Formula by HPAEC-PAD (AOAC First Action Method 2022.04)	<b>Dr. Yi Ding</b> Senior Analytical Scientist Abbott Nutrition
	Determination of Multiple HMOs in Vietnamese Human Milk by LC-MS/MS	<b>Dr. Wong Lingkai</b> Senior Analytical Scientist Abbott Nutrition
	<b>Working Group Connect Session II (Level 3 VIP Room 2)</b>	
16:30 - 17:10	<b>Training of Young Scientists Working Group Connect</b> <i>Please feel free to join, even if you haven't signed up for the working group yet!</i>	

**Level 3 VIP Room 2 is reserved for AOAC SEA for Aug 1-2, 2023. AOAC SEA partners can book the room with us to conduct your private business meetings. Please contact [annual.conference@aoac-sea.org](mailto:annual.conference@aoac-sea.org) for more details.**

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## Rapid Test Kits and Automation for In-House Testing

Many food and beverage companies conduct all or part of their testing in-house. These testing operations face mounting pressure to meet new regulatory, customer standards and manage costs while ensuring quality and timely product release.

Gold Standard Diagnostics is a global network of companies with decades of experience on the test kit, reagent and instrument development and manufacturing market. We provide fast, reliable, and easy to use diagnostic test kits and instruments in the fields of bioanalytical testing for the food, feed, environmental, biopharma, animal health and clinical industries.

Our experienced research & development, manufacturing, commercial and customer service teams offer innovative and trusted solutions for all our stakeholders worldwide, with the aim to simplify and improve customer experience.

Our broad range of rapid test kits cover:

- Allergens
- Food Pathogens
- Viruses
- GMOs
- Mycotoxins
- Veterinary Drugs Residues
- Animal Species
- Veterinary Diagnostics
- Environmental and Water Testing

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- Lateral flow tests
- PCR kits
- Sampling Devices
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- ELISA reader
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- With resistance detection applications

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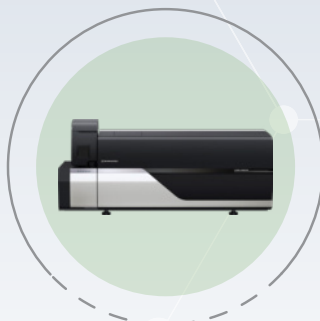
Innovation with Integrity

# END-TO-END SOLUTIONS FOR FOOD ANALYSIS



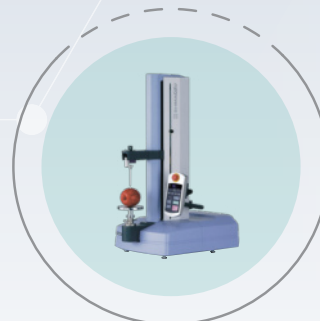
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**EZ-X Series**

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**Nexera Series**

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**LCMS-9050 Q-TOF**

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**ID<sup>PLUS</sup> Performance**

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**Nexis GC-2030**

Alcohol analysis and contaminants in packing materials



**FTIR Spectrometer**


Organic Foreign matter analysis

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Resource Library



Outside Ballroom

Poster #	Poster information
<b>Student Poster Presentation Competition</b> ( <i>Judging time: Aug 1, 2023; at around 10:00 - 10:20, 12:15 - 12:35; 15:35 - 16:05</i> )	
1	<b>A Rapid, Efficient, and Green Sample Preparation of Macrolide Antibiotics in Chicken Meat Using Deep Eutectic Solvent Modified Magnetic <math>\beta</math>-Cyclodextrin Adsorbent</b> <i>Abd Hamid Muhammad Ariffuddin, Universiti Sains Malaysia, Malaysia</i>
2	<b>A Novel Development of Chicken Meat-Based Reference Material for Reliable Determination of Ethoxyquin Residues</b> <i>Bion Abigail Grace, University of Santo Tomas, Philippines</i>
3	<b>Determination of Oxytetracycline in Pork Meat Samples Using Liquid Chromatography–Tandem Mass Spectrometry (LC-MS/MS)</b> <i>Chanthavong Oudone, National University of Laos, Laos</i>
4	<b>Simultaneous Determination of Vancomycin, Cefoperazone, Sulbactam, and Ceftriaxone Antibiotics by Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection (CE-C4D)</b> <i>Kieu Anh, VNU University of Science, Vietnam</i>
5	<b>Sensitive Determination of Organophosphorus Pesticides in Vegetable Samples by Magnetic Carboxymethyl Cellulose Nanofibers Grafted Poly(ionic Liquid) Combined with Gas Chromatography</b> <i>Mohamed Ahmad Husaini, Universiti Sains Malaysia, Malaysia</i>
6	<b>Development of Magnetic Nanoparticles Coated Poly (Ionic Liquid) for Magnetic Solid-Phase Microextraction of 16 Types of Polycyclic Aromatic Hydrocarbons in Food Samples</b> <i>Mohammad Yunus Faizah, Universiti Malaya, Malaysia</i>
7	<b>A Highly Sensitive Fluorescence Nanosensor for Determination of Amikacin Antibiotics Using Composites of Carbon Quantum Dots and Gold Nanoparticles</b> <i>Nguyen Dinh Thi, VNU University of Science, Vietnam</i>
8	<b>Characterization and Evaluation of Antibiotics Resistance on <i>Aeromonas spp.</i> and <i>Vibrio spp.</i> Isolated from Pangasius Fish in Siem Reap Province, Cambodia</b> <i>Nol Rathana, Royal University of Agriculture, Cambodia</i>
9	<b>Validation of Mercury Speciation in Marine Fish Using LC-ICP-MS</b> <i>Sujana Ratih Dewi, IPB University, Indonesia</i>
10	<b>Going Head-to-Head: A Comparison of Two Rapid Techniques – NIR Spectroscopy and Ambient Mass Spectrometry – for Chinese Oolong Tea Authentication</b> <i>Tan Hui Ru, National University of Singapore, Singapore</i>
11	<b>Synthesis and Characterization of Novel Core-Shell ZnO@SiO<sub>2</sub> Nanoparticles and Application in Antibiotic and Bacterial Removal</b> <i>Tran My, VNU University of Science, Vietnam</i>
<b>DIAMOND SPONSOR of 2023 AOAC SEA 2nd Annual Conference</b>	
	
12	<b>Rapid Detection of Salmonella in Infant Formula and Infant Cereals Compared to ISO 6579;</b> Andrew Lienau[1]; Philip Feldsine[1]; Lisa John[1]; Florian Quero[2]; Justine Baguet[2]; Lizaig Gouguet[2]; Gaëtan Plouzennac[2] & Maryse RANNOU[2]; [1]MilliporeSigma Bellevue, WA, United States; [2]ADRIA DÉVELOPPEMENT, Quimper, France
<b>Scientific Posters</b>	
13	<b>Determination of Microplastics in Food by Pyrolysis-GCMS;</b> Karthikeyan Sathrugnan[1, 2]; [1]Frontier Laboratories Ltd, Japan; [2]SG LAB FORUM Singapore
14	<b>Molecular Detection of Porcine DNA in Selected Processed Meat Products With Halal Logo Sold in General Santos City, Philippines;</b> Samerah B. Macabalang-Datudacula[1, 2]*; Elvira A. Corcolon[2]; Edna P. Oconer[3]; Apolinario V. Yambot[4]; & Maria Cristina S. De Las Llagas[2]; [1]Department of Science and Technology - Region XII, Philippines; [2]Ateneo de Davao University, Davao City, Philippines; [3]Mindanao State University - General Santos City, Philippines; [4]Central Luzon State University, Nueva Ecija, Philippines
15	<b>Molecular Detection of <i>Salmonella spp.</i> in Retail Eggs from Metro Manila Markets;</b> Rose Elaine P. Guilaran*; Christine Eden C. Sevilla; Elyss G. Billedo; Denisse Abbie A. Caballes; Paola Bianca M. Buiser; & Mereil O. Garin; Department of Science and Technology - Food and Nutrition Research Institute
16	<b>Method for the Determination of 2'-Fucosyllactose (2'-FL), 3-Fucosyllactose (3-FL), 6'-Sialyllactose (6'-SL), 3'-Sialyllactose (3'-SL), Lacto-N-Tetraose (LNT), and Lacto-N-neoTetraose (LNnT) by High-Performance Anion-Exchange Chromatography with Pulsed Amperometric Detection (HPAEC-PAD): First Action 2022.04;</b> Philip Haselberger[1]*; Fang Tian[2]; Renée Erney[1]; Shuang Liu[3]; Shuo Wang[3]; Qi Lin[4]; & Yi Ding[4]; [1]Abbott Nutrition, Global Analytical and Food Safety, USA; [2]Abbott Nutrition, R&D, China; [3]Tianjin Key Laboratory of Food Science and Health, Nankai University, China; [4]Abbott Nutrition, R&D, Singapore
17	<b>Pushing PFAS Possibilities: The Hunt for Ultra Sensitivity to Reach ppq EPA Health Advisory Levels;</b> Hwei Hong Lee; Kari Organtini; Henry Foddy; Nicola Dreolin; Stuart Adams; Ken Rosnack; & Peter Hancock; Waters Pacific Pte Ltd, Singapore
18	<b>A Rapid LC-MS/MS Method for Simultaneous Determination of Neutral and Acidic Human Milk Oligosaccharides;</b> Lingkai Wong[1]; Jing Tan[1]; Hwei Hong Lee[2], Chloe Fong[1], Adabelle Ong[2], Qi Lin[1]*, Yong Jun Xiao[2]; [1]Abbott Nutrition Research and Development; [2]International Food and Water Research Centre, Waters Corporation.

More on the next page

Outside Ballroom

Poster #	Poster information
19	<b>A Networking Success: The Role of the Philippines' DOST OneLab Network in Ensuring Food Safety for both the National and International Markets;</b> Admer Rey C. Dablio[1]; <u>Rose Marie S. Salazar</u> [2]; Annabelle V. Briones[1]; [1]Industrial Technology Development Institute, Department of Science and Technology, Philippines; [2]Department of Science and Technology Regional Office No. IX, Zamboanga City, Philippines
20	<b>A GC-MS/MS Method for Pesticide Residue Analysis using Nitrogen Carrier Gas with an Atmospheric Pressure Ionization Source;</b> Mari Nagata[1]; Takanobu Sudo[2]; Ken Shimizu[2]; <u>Huei Hong Lee</u> [1]; [1]Waters Corporation, Japan; [2]Japanese Consumers & Co-operative Union
21	<b>Determination of Aflatoxins B1, B2, G1, G2 in Chili Powder without Derivatization by Ultra-Performance Liquid Chromatography With Fluorescence Detector;</b> <u>Thanh Duy Nguyen</u> [1, 2]; Thuy Ngan Ha Nguyen[2]; Tuan Kiet Ly[2]; Quoc Hung Nguyen[2]; Thanh Tho Le[2]; Tien Dat Nguyen[3]; [1]Graduate University of Science and Technology, Vietnam Academy of Science and Technology (VAST), Vietnam; [2]Center of Analytical Services Experimentation Ho Chi Minh City (CASE), Vietnam; [3]Center for Research and Technology Transfer, Vietnam Academy of Science and Technology (VAST), Vietnam



Scan the QR code above to download poster abstracts.

## PANEL DISCUSSION: METHOD STANDARDIZATION - KEY TO REDUCE TECHNICAL BARRIER IN CROSS-BORDER TRADE

### Moderator



**Darryl Sullivan**  
Past President, AOACI  
Chief Scientific Officer,  
Eurofins Scientific, USA



**Erik Konings, PhD**  
Past President, AOACI  
Expert, Nestlé Institute  
of Food Safety and  
Analytical Sciences, CH



**Xinping Hou, PhD**  
President, AOAC SEA  
Analytical Service  
Manager, BV-AQ  
Singapore, SG



**Trieu Viet Phuong, PhD**  
Deputy Director, Vietnam  
Standards and Quality  
Institute (VSQI), VN



**Hoang Thanh Duong**  
Head of Testing  
Accreditation Division,  
Bureau of Accreditation  
(BoA), VN



**DeAnn Benesh**  
Past President, AOACI  
Global Scientific Affairs  
Manager, Neogen, USA

The panel discussion on **Method Standardization - Key to Reduce Technical Barrier in Cross-border Trade** will emphasize method standardization as a very powerful tool in helping produce very high-quality food safety data. AOAC is uniquely qualified to help laboratories standardize test methods and protocols, and the panelists will share their different angles of view on how to make it work. When this safety testing is harmonized, data can be shared between different organizations and even different countries. Use of harmonized test methods ensures reliable test results can be produced in many laboratory locations.

## PANEL DISCUSSION: NEEDS OF PESTICIDE ANALYSIS IN THE SOUTHEAST ASIA REGION

### Moderator



**Erik Konings, PhD**  
Section Mentor  
AOAC INTERNATIONAL



**Tran Cao Son, PhD**  
Deputy Director  
National Institute for Food  
Control (NIFC), Vietnam



**Annabelle Briones, PhD**  
Director  
Industrial Tech. Dev. Institute  
(DOST-ITDI), Philippines



**Edna C. Mijares, RCh, MSc**  
President and CEO  
Jefcor Laboratories, Inc.  
Philippines



**Kaushik Banerjee, PhD**  
Director  
ICAR-National Research  
Centre for Grapes, India

Pesticide residue is one of the major food safety issues in the South East Asian countries. The analytical community of this region often faces diverse challenges in implementing validated residue analytical methods for food testing to comply with the national and international MRLs. The panel discussion on **Needs of Pesticide Analysis in the Southeast Asia Region** will facilitate open discussions on the needs of pesticide analysis in the Southeast Asia region with the intention to support international trade.

There will also be talks on the topic of pesticide analysis such as:

- *Pesticides Residues in Food and Food Products: Analysis and Codex Standards for Maximum Residue Limits*, by Ms. Edna Callejas-Mijares, RCh., MSc., CEO of Jefcor Laboratories, Inc., Philippines
- *Current Approaches of Pesticide Multi-residue Analysis in Food for Regulatory Compliance*, by Dr. Kaushik Banerjee, Director of ICAR NRC Grapes, India
- *Determination of Over 500 Pesticides in Spice by EMR-GPD Passthrough Cleanup and a Novel Triple Quadrupole LC/MS system*, by Ms. Boonraksa Srisawang (Nik), Business Solution Development Manager for Emerging Countries, Agilent Technologies, Singapore

At the conference, a new project on the analysis of pesticides, with the focus on **multiresidue pesticide analysis in difficult food commodities such as herbs and spices**, will also be introduced. Stakeholders are welcome to register their interests by filling out this [form](#).

## ASSURING MICROBIOLOGICAL QUALITY OF FOOD

To support the community, AOAC SEA offers two complimentary workshops. One of them is on **Assuring Microbiological Quality of Food**. In this workshop and throughout the conference, the audience will learn about food safety requirements and challenges of the industry, pathogen identification and quantification methods (PCR, NGS, MALDI MS, Flow Cytometry, etc), AOAC microbiology method validation, and participation in proficiency testing schemes.

**This suite of topics is particularly suitable for any laboratory/manufacturer that wants to expand their scope of testings, develop and validate new methods to suit their own needs, or improve the efficiency and productivity of the operation.**



**Ms. DeAnn Benesh**  
*Past President, AOACI  
Global Scientific Affairs  
Manager, Neogen, USA*



**Mr. Andrew Lienau**  
*Food Regulatory and  
Validation Senior Expert,  
MilliporeSigma, USA*



**Ms. Ho Tran Ngoc Quyen**  
*Head of Proficiency Testing  
Department, QUATEST 3 - AFRL  
for Food Microbiology, Vietnam*



**Ms. Kumud Ashish Singh**  
*Senior Regulatory Expert –  
Food (South Asia), Merck  
Life Science Pvt Ltd, India*

With the workshop and talks, the audience will learn about crucial topics in microbiological testing:

- AOAC & ISO Harmonization in Microbiological Test Methods Validation
- Overview of MicroVal Method Validation Organization
- AOAC Microbiology Method Validation
- How to Participate and Use Proficiency Testing Results Effectively?
- Environmental Monitoring of Pathogens
- Ensure Food Safety by Rapid Food Pathogen Testing in Probiotic Infant Nutritionals



**Professor Chai Lay Ching**  
*Pro Vice Chancellor  
(Education), Sunway  
University, Malaysia*



**Mr. Daniel Tan**  
*Business Unit Manager, Gold  
Standard Diagnostics  
Singapore, Singapore*



**Ms. Tran Thi Anh Nguyet**  
*Head of Microbiology - GMO  
Testing Laboratory - AFRL for  
Food Microbiology,  
QUATEST 3, Vietnam*



**Ms. Mabel Ng**  
*Regional Product Manager,  
Romer Labs Asia Pacific,  
Singapore*



**Ms. Anh Thai**  
*Solution Scientist on  
Chemistry, Merck Vietnam,  
Vietnam*

Experts from multi sectors will give talks on the latest developments in the field:

- Microbiology: Identification of Pathogen
- Sequencing the Future of Probiotics: Next Generation Testing for Safety and Quality
- Application of MALDI Biotyper for Microorganism Identification in Food Testing Laboratories and Food Industries
- Making the World's Food Safer (Flow Cytometry)
- The World of Food & Beverage Reference Standards



## TALKS GIVEN BY REPRESENTATIVES FROM THE PUBLIC SECTOR

### Vietnam - Standards for Trade

Ministry of Science & Technology (MOST)	
Vietnam Standards and Quality Institute (VSQI-STAMEQ)  <b>Speaker:</b> Dr. Trieu Viet Phuong	Bureau of Accreditation (BoA)  <b>Speaker:</b> Ms. Hoang Thanh Duong

### Vietnam - Food Safety Management

Ministry of Health (MOH)		
National Institute for Food Control (NIFC)  <b>Speaker:</b> Ms. Nguyen Thi Hong Ngoc	Institute of Drug Quality Control in HCMC (IDQC-HCMC)  <b>Speaker:</b> Mr. Phan Nguyen Truong Thang	Institute of Public Health (IPH)  <b>Speaker:</b> Ms. Phan Bich Ha

### Other organizations from the region and US

Indonesian Food and Drug Authority (FDA)  <b>Speaker:</b> Dr. Didik Joko Pursito	Philippines Dept. of Science & Tech. - Industrial Tech. Devt. Institute (DOST-ITDI)  <b>Panelist:</b> Dr. Annabelle V. Briones	U.S. Food & Drug Administration (US FDA)  <b>Speakers:</b> Dr. Susan Genualdi  Dr. Kevin Kubachka
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The establishment of the ASEAN Economic Community (AEC) in 2015, with the vision of achieving regional economic integration, set out objectives including harmonization of standards, technical regulations and conformity assessment procedures, as well as ensuring the successful implementation of such harmonization.

AOAC fits in the picture with its internationally recognized AOAC Official Methods for the ASEAN community to align to and harmonize with. The Southeast Asia Section of AOAC International (AOAC SEA), through its annual conferences and the 5 Working Groups on capacity building, training of young scientists, microbiology, emerging issues and harmonization of methods, create a great platform for the public and private sectors to come together and realize the integration vision pertaining to analytical methods.

In this 2023 AOAC SEA 2nd Annual Conference, we will have a lot of sharing from Vietnam's public sector:

- Dr. Trieu Viet Phuong, Deputy Director of **Vietnam Standards and Quality Institute (VSQI)**, will analyze how AOAC methods are harmonized and/or referenced in Vietnam's National Standards (TCVNs) and National Technical Regulations (QCVNs). He will also discuss the actual usage of AOAC methods in representative public and non-public laboratories. The audience will be able to make comments about the trend of using AOAC methods in testing activities in Vietnam, as well as see how TCVNs and AOAC methods support food safety/quality and food trade. Ms. Hoang Thanh Duong, Head of Testing Accreditation Division of Vietnam's **Bureau of Accreditation (BoA)**, will provide a collective view of how AOAC methods are being used in the ISO 17025 accredited laboratories in Vietnam, as well as pinpoint gaps for further improvements.
- **The Institute of Drug Quality Control in Ho Chi Minh City (IDQC-HCMC)** is one of the two national-level leading units of Ministry of Health (MoH) performing pre/post market surveillance of drugs, cosmetics, foods, and therapeutic goods, covering from Da Nang to Ca Mau. IDQC-HCMC, together with the National Institute of Drug Quality Control (NIDQC), **the National Institute for Food Control (NIFC)**, and **the Institute of Public Health in Ho Chi Minh City (IPH)**, are tasked by MoH to sample and test goods in the group of pharmaceuticals, cosmetics, functional foods, herbal and traditional medicine in the fight against smuggling, commercial fraud, counterfeit goods. Speakers from these organizations will talk about their works in food safety management control and protecting consumers and people's health.

Speakers and contributors from other countries will enrich the discussion platform on **Facilitating Compliance for Food Safety and Quality in International Trade**:

- *Risk Assessment and Development of Ethylene Oxide Risk Mitigation Guidelines for Food*, by Dr. Didik Joko Pursito, Head of Commercial Processed Food Production Control, The Indonesian FDA, Indonesia
- *PFAS: Development in Global Regulations, Analytical Challenges and AOAC Activities*, by Dr. Susan Genualdi, Research Chemist, Food and Drug Administration, Center for Food Safety and Applied Nutrition, Office of Regulatory Science, USA
- *Updates From the AOAC Heavy Metals Working Group*, by Dr. Kevin Kubachka, Analytical Chemist, Food and Drug Administration, Forensic Chemistry Center, USA
- Panel Discussion on *Needs of Pesticide Analysis in the Southeast Asia Region*, with Dr. Annabelle Briones, Director, Department of Science and Technology - Industrial Technology Development Institute (DOST-ITDI), Philippines, and others

## RECOGNITION OF YOUNG SCIENTISTS

AOAC SEA Section Student Awards Program aims to support students engaged in the area of food safety and analytical science, with the intention to encourage and appreciate students' work and scientific contribution.

Congratulations to the **Top 12 Students** selected for the 2023 Student Poster Presentation Competition!

**Abd Hamid, Muhammad Ariffuddin**

*Graduate Student*

Universiti Sains Malaysia, Malaysia

**Bion, Abigail Grace**

*Graduate Student*

University of Santo Tomas, Philippines

**Chanthavong, Oudone**

*Graduate Student*

National University of Laos, Laos

**Kieu, Anh**

*Undergraduate Student*

VNU University of Science, Vietnam

**Mohamed, Ahmad Husaini**

*Graduate Student*

Universiti Sains Malaysia, Malaysia

**Mohammad Yunus, Faizah**

*Graduate Student*

Universiti Malaya, Malaysia

**Nguyen Dinh, Thi**

*Undergraduate Student*

VNU University of Science, Vietnam

**Nol, Rathana**

*Undergraduate Student*

Royal University of Agriculture, Cambodia

**Sujana, Ratih Dewi**

*Graduate Student*

IPB University, Indonesia

**Tan, Hui Ru**

*Graduate Student*

National University of Singapore, Singapore

**Tran, My**

*Undergraduate Student*

VNU University of Science, Vietnam

**Wei En, Chua**

*Undergraduate Student*

Republic Polytechnic, Singapore

**The Top 3 winners of the Student Poster Presentation Competition will be announced on Aug 2, 2023.**

## 2022-2023 PROGRAM OF THE YEAR

To recognize programs/working groups and to motivate the SEA Section working groups to carry out more and greater programs, AOAC SEA Section awarded the 2022-2023 Program of the Year to the **AOAC SEA - NYPI Collaboration Program**.

Recognized individuals in this programs are:

**Ching Jianhong, Ph.D.**

*AOAC SEA and NYPI Collaboration Program Leader  
Strategic Engagement Manager (Public)  
Assistant Professor, Duke-NUS Medical School*

**Qi Lin, Ph.D.**

*Training of Young Scientists Working Group Chair  
Senior Manager, Abbott Nutrition*

**Huei Hong Lee, Ph.D.**

*Emerging Issues Working Group Co-chair  
Principal Scientist, Waters Corporation*

**Jing Tan, Ph.D.**

*Capacity Building Working Group Chair  
Analytical Team Lead, FMC Corporation*

**Hong Hanh Nguyen, Ph.D.**

*Strategic Engagement Manager (MarCom)*

## 2022-2023 STAFF OF THE YEAR

To recognize individuals that have outstanding performance and contributions to the Section, AOAC SEA Section awarded the 2022-2023 Staff of the Year to these **AOAC SEA Strategic Engagement Managers**:



**Hong Hanh Nguyen, Ph.D.**  
*Strategic Engagement Manager (MarCom)*



**Joanne Ho, Ph.D.**  
*Strategic Engagement Manager (Sponsor)  
APAC Food & Environment Business  
Development Manager, Waters Corporation*

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**Dr. Trieu Viet Phuong**  
Deputy Director of Vietnam Standards and  
Quality Institute (VSQI), Vietnam  
*Aug 1, 9:00 - 9:30 & 11:30 - 12:00*

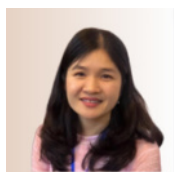
Dr. Trieu Viet Phuong is the Deputy Director of the Vietnam Standards and Quality Institute (VSQI) under the Directorate for Standards, Metrology and Quality (STAMEQ), Vietnam Ministry of Science and Technology (MOST). Dr. Trieu had 20 years of experience working for the Vietnam Metrology Institute, a national body for metrology within STAMEQ, and started working for the Vietnam Institute of Standards and Quality in mid 2021. He is a member of CODEX Vietnam Committee. Since 2022, Dr. Trieu is the chairperson of the National Standards Assessment Councils of Vietnam (TCVN) in the food sector.



**Mr. Andrew Lienau**  
Food Regulatory and Validation Senior  
Expert, MilliporeSigma, USA  
*Aug 1, 9:30 - 9:50; Aug 2, 16:00 - 16:30*

Andrew Lienau is currently Food Regulatory and Validation Senior Expert at MilliporeSigma. He has been with the company since 1992, starting as Research Scientist II at BioControl Systems, and then Supervisor in the Food Microbiology Department at BioControl Systems/ MilliporeSigma. Andrew has a bachelor degree in Biology from Birmingham-Southern College, Birmingham and a master's degree in Microbiology from University of Washington, Seattle, Washington. He is (co)author of about 30 scientific publications.

Andrew also serves as Expert Reviewer in MicroVal Technical Board and Expert Review Panel Member in AOAC Official Method of Analysis.



**Ms. Hoang Thanh Duong**  
Head of Testing Accreditation Division,  
Bureau of Accreditation (BoA), Vietnam  
*Aug 1, 10:30 - 10:50 & 11:30 - 12:00*

Ms. Hoang is the Head of the Testing Accreditation Division of the Bureau of Accreditation in Vietnam for Chemical, Biological, and Pharmaceutical testing laboratories, with 25 years of experience in the field. She is the lead assessor for laboratory assessment and conducts training courses on verification and validation methods for testing laboratories. Ms. Hoang has participated in a number of projects on capacity building for food laboratories in Vietnam.



**Scan the QR code for talk abstracts.**

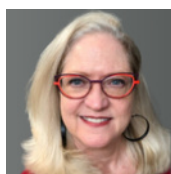


**Dr. Erik Konings**  
R&D Expert,  
Nestlé Institute of Food Safety & Analytical Sciences  
*Aug 1, 10:50 - 11:10 & 11:30 - 12:00*  
*Aug 2, 11:50 - 12:20; 12:20 - 12:25 & 14:30 - 15:00*

Erik Konings is R&D Expert at the Nestlé Institute of Food Safety and Analytical Sciences in Lausanne, Switzerland where he provides leadership to global quality, laboratory and regulatory teams to engage in strategic local activities to drive alignment/harmonization of analytical methods and partners with government and non-government organizations in the development of standards for analytical methods.

He is active within AOAC INTERNATIONAL (Past-President), the International Organization for Standardization (ISO) (Chair ISO TC 34, Working Group 14 on Vitamins, carotenoids and other nutrients), the European Committee for Standardization (CEN) (Chair CEN TC 275 Working group 9 on Vitamins and carotenoids), and the International Dairy Federation (IDF). He participates in the Codex Committee on Methods of Analysis and Sampling (CCMAS).

He studied higher professional laboratory education with majors in Analytical and Clinical chemistry holds an MSc degree in Epidemiology and a PhD in Health Sciences of Maastricht University, the Netherlands (2001). He is (co)author of more than 40 scientific publications.



**Ms. DeAnn Benesh**  
Past-President of AOAC; Board Director of MicroVal;  
Global Scientific Affairs Manager, Neogen, USA  
*Aug 1, 11:10 - 11:30; 11:30 - 12:00 & 16:05 - 16:25*

DeAnn Benesh is a Global Scientific Affairs Manager at Neogen, where she provides leadership to global teams to engage in strategic local regulatory activities to drive recognition and acceptance of methods, and partners with government and non-government organizations in development of standards and methods.

She is:

- a member of the Microval General Council
- active in ISO IC34/SC9 as an expert participating in several Working Groups
- Co-chair of ISO 16140-3 (Method Verification) drafting committing
- Chair of IAFP International Food Protection Issues Professional Development Group
- Recipient of the IAFP President's Recognition Award
- a member the Scientific Affairs Technical Committees of several industry associations
- Past President of AOAC INTERNATIONAL
- and a Fellow of AOAC INTERNATIONAL

DeAnn holds a Bachelor of Science degree in Medical Technology from the College of Pathology, University of Minnesota, Minneapolis, MN; a Mini master's in International Business from the University of St. Thomas, St. Paul, MN; and a Certificate in International Food Law through Michigan State University, East Lansing, MI.



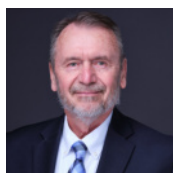
**Dr. Xinping Hou**  
President of AOAC SEA  
Analytical Service Manager SEA, BV-AQ  
Aug 1, 11:30 - 12:00

Xinping Hou is currently the analytical service manager at BV-AQ Singapore, where she provides technical consultation and develops analytical service strategies for the organization to support the industries on their innovation, process improvement and product quality control. Prior to BV-AQ, she had been working in other contract research and testing laboratories as technical manager and operation director for food and pharmaceutical product analysis.

She has been a member of AOAC International since 2016. She has participated AOAC SPIFAN program and led the setup of many AOAC methods in the laboratory.

Dr. Hou has been appointed by Singapore Accreditation Council (SAC) as the technical auditor for food and pharmaceutical laboratory accreditation since 2003.

She has a bachelor and master's degree in analytical chemistry and got her PhD in Chemistry from National University of Singapore. She is (co)author of more than 10 scientific publications.



**Mr. Darryl Sullivan**  
Chair of AOAC SPIFAN; Past-President of AOACI  
Chief Scientific Officer, Eurofins Scientific  
Aug 1, 11:30 - 12:00  
Aug 2, 14:00 - 14:30 & 15:00 - 15:30

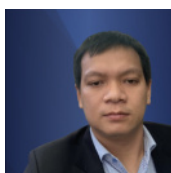
Darryl Sullivan is the Chief Scientific Officer for Eurofins Scientific. Mr. Sullivan acts as a consultant for companies who need help meeting scientific and regulatory requirements. In this role he is often called upon as an expert witness for litigation and dispute resolution. He is considered an international expert in the analysis of infant formula and dietary supplements and represents Eurofins in many areas of the scientific community. Mr. Sullivan is a delegate to Codex Alimentarius and actively participates in the Codex Nutrition Committee (CCNFSDU) and the Methods Committee (CCMAS).

Mr. Sullivan has more than 40 years of experience in testing of infant formula, dietary supplements and food. He is considered to be an expert in the field of validation of analytical methods, having served for three years as Chair of the AOAC INTERNATIONAL Official Methods Board. He is the Past President and Secretary of the AOAC INTERNATIONAL Board of Directors, and was the Chair of the AOAC Stakeholder Panels on Infant Formula, Adult Nutritionals, and Dietary Supplements. Mr. Sullivan is member of the IFT Board of Directors. He is a past member of the USP Expert Committee for Dietary Supplements. Mr. Sullivan has developed and validated hundreds of analytical methods in the areas of nutrient and residue testing, and is the author of more than 75 publications and 100's of scientific presentations.



**Ms Phan Bich Ha**  
Vice Director of the Southern Regional Testing  
Center for Food Safety, Institute of Public Health,  
HCMC, Vietnam  
Aug 1, 13:45 - 14:05

Ms. Phan Bich Ha is the Vice Director of The Southern Regional Testing Center for Food Safety, Institute of Public Health in Ho Chi Minh City. She got her bachelor's and master's degree in organic chemistry from the University of Science, Vietnam National University – Ho Chi Minh City. She has spent 23 years working in laboratories. Her research interests include surveying and validating physicochemical methods for analysing food safety and the environment.



**Mr. Phan Nguyen Truong Thang**  
Head of R&D Department, Institute of Drug Quality  
Control, Ho Chi Minh City, Vietnam  
Aug 1, 14:05 - 14:25

Mr. Phan Nguyen Truong Thang is the Head of the R&D Department at the Institute of Drug Quality Control in Ho Chi Minh City (IDQC-HCMC). He is also the GMP Independent Expertor of the Drug Administration of Vietnam (DAV) and Lecturer at Pham Ngoc Thach Medical University. Mr. Thang has been with IDQC-HCMC since 2012. He obtained his bachelor in Pharmacy from the University of Medicine and Pharmacy, Ho Chi Minh City and is finishing his PhD with the university.



**Ms. Nguyen Thi Hong Ngoc**  
Laboratory Manager, National Institute for Food  
Control (NIFC), Vietnam  
Aug 1, 14:25 - 14:45

Ms. Nguyen Thi Hong Ngoc is the Manager of the Food Toxicology and Allergens Laboratory, from the National Institute for Food Control (NIFC), Vietnam. She has eight years of experience working in the field of quality inspection and food safety analysis. Her experience in chemistry quality and safety testing is on the fields of food, pharmaceuticals, cosmetic, feedstuffs, water, and others. She conducts 17025 assessments as a technical expert in chemistry and pharmaceutical, GMP-WHO assessments as a laboratory system specialist, and several other assessment delegations as an expert.

Ms. Nguyen holds a Pharmacist degree and a Master's degree in Drug and Toxicity Testing from Hanoi University of Pharmacy, Vietnam.



**Ms. Boonraksa Srisawang (Nik)**  
Business Solution Development Manager  
for Emerging Countries, Agilent  
Technologies, Singapore  
*Aug 1, 14:45 - 15:05*

Boonraksa Srisawang (Nik) graduated master degree of science from Chiang Mai University, Thailand, in a field of analytical chemistry. She has been worked as research assistant at Max-Planck Institute for Marine Microbiology and Research Center of Ocean Margin (RCOM), Bremen, Germany. She has experience over 15 years for analytical chemistry instrument for method development and chemistry research. She is currently the Business Solution Development Manager for the Emerging countries.



**Ms. Mabel Ng**  
Regional Product Manager, Romer Labs Asia  
Pacific, Singapore  
*Aug 1, 15:05 - 15:25*

Mabel Ng joined Romer Labs in September 2015 and has been deeply involved in method validation and application support in mycotoxin and allergen Romer Labs products. She provides technical advice and product troubleshooting to customers and sales staff and conducts product trainings and workshops in food safety for customers within the Asia Pacific region.

She has participated as a speaker in various food safety conferences, such as the OUR Food Conference on Food Safety in Cebu, Philippines and USSEC-SEA Animal Nutrition, Feed Technology Workshop (ANFTW) in Bangkok and Food Control Conference in Hanoi organized by NIFC Vietnam.

She holds a Master's degree in life science specializing in chemistry from Nanyang Technological University as well as a Bachelor's degree in chemical engineering from the National University of Singapore.



**Dr. E Siang Tee**  
TES Nutrihealth Strategic Consultancy,  
Malaysia  
*Aug 1, 16:25 - 16:45*

Dr. E Siang Tee is Nutrition Consultant for TES NutriHealth Strategic Consultanc, Malaysia. He is also Adjunct Professor for International Medical University and a Member of the Board of Directors of ILSI SEA Region and Scientific Coordinator of ILSI Malaysia Country Committee. Dr. Tee was Head of the Cardiovascular, Diabetes and Nutrition Research Centre of the Institute for Medical Research (IMR) in Kuala Lumpur, Malaysia, until his retirement in February 2002, after serving for 30 years. Dr. Tee is also President of the Nutrition Society of Malaysia (NSM). He represents NSM in several Technical Working Groups in the Ministry of Health Malaysia, including the National Coordinating Committee for Food and Nutrition (NCCFN) and committees related to Malaysian Food Regulations and Codex Alimentarius. He initiated the formation of the Southeast Asia Public Health Nutrition (SEA-PHN) Network in 2014 and is the current Chairman of the Network.



**Professor Chai Lay Ching**  
Pro Vice Chancellor (Education), Sunway University,  
Malaysia  
*Aug 1, 16:45 - 17:05*

Dr Chai Lay Ching is Professor at the Sunway University. Dr Chai's research focuses on infectious microorganisms, food safety and microbiological risk assessment. She served as the Vice Chair of the Technical Working Group of Microbiology under the Food Analysis Committee (JKAM) chaired by the Department of Chemistry Malaysia from 2016-2020; and is listed as the Malaysian expert on microbial risk assessment in the ASEAN Risk Assessor Directory. Also, she leads numerous academia-industry projects, such as serving as key opinion leaders of 3M Asia Pacific, food safety research with Kikkoman Japan and other local food manufacturers. Her active contribution and involvement in microbiological safety research has won her the Malaspina International Award by the International Life Science Institute (ILSI) in 2017; and she is currently serving as the scientific advisor of ILSI South East Asia Region providing guidance and advice on food safety risk assessment.



**Mr. Daniel Tan**  
Business Unit Manager, Gold Standard  
Diagnostics Singapore  
*Aug 1, 17:05 - 17:25*

Daniel is the Business Unit Manager for Gold Standard Diagnostics Singapore. A food technologist in academic studies, and a technical sales by training, Daniel has been holding a commercial role in the Food & Feed Safety industry since 2015. He specialises in screening technologies for various applications in food, feed, environmental and veterinary diagnostics.

He graduated with a first class honours from University of Queensland, Australia and Executive Masters in Business Administration from National University of Singapore.



**Ms. Tran Thi Anh Nguyet**  
Head of Microbiology – GMO Testing  
Laboratory – AFRL for Food Microbiology,  
QUATEST 3), Vietnam  
*Aug 1, 17:25 - 17:45*

2004: Bachelor of Biotechnology, University of Science, Viet Nam National University, Ho Chi Minh City

From 2004 up to now: has working for Microbiology – GMO testing Laboratory, she has over 18 years of food microbiology testing experience.

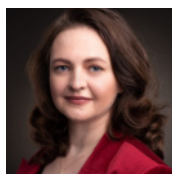
- Good understanding of laboratory sciences, technologies, processes, and methods related to Microbiology testing (basic techniques in biochemistry microbiology, molecular biology, ELISA, and MALDI TOS MS...)



- implementation and maintenance the technical requirements of microbiology testing lab following the quality system of the laboratory in compliance with ISO/IEC 17025
- Technical training for internal laboratory staffs as well as other cosmetic and international laboratory for Microbiology aspect.
- Being a Lead Auditor for Quality system according to ISO/IEC17025 and ISO/IEC 17043, external Auditor for technical requirements according to ISO/ IEC17025 in Biology field
- Management and organization of activities of ASEAN Food Reference Laboratory laboratories (AFRL) for microbiology

#### AFRL activities:

- Coordinate the proficiency testing in food microbiology for ASEAN Member countries (AMCs)
- Provide training and technical advice and services to AMCs
- Collect and disseminate information related to the methods of analysis and sampling, as well as on procedures for quality assurance and quality management, strains, reference cultures in food Microbiology analysis



**Dr. Katerina (Kate) Mastovska**

Deputy Executive Director and Chief Science Officer of AOAC INTERNATIONAL (AOACI), USA  
Aug 2, 8:30 - 9:00

As Deputy Executive Director and Chief Science Officer, Kate is responsible for leadership of all science programs and projects at AOAC INTERNATIONAL. She joined the AOAC staff in January 2023 but has been a very active member of AOAC INTERNATIONAL since 2004. Kate is a Fellow of AOAC INTERNATIONAL and received the Association's highest scientific honor, the Harvey W. Wiley Award, in 2021. An expert in the analysis of chemical residues and contaminants in food, she has worked for the University of Chemistry and Technology in Prague, the US Department of Agriculture, and founded her own independent consulting business, Excellcon International. In 2009, she began her work at Covance Laboratories where her responsibilities grew rapidly. After the acquisition of Covance Food Solutions by Eurofins Scientific, she has most recently served as Chief Scientific Officer, Eurofins US Food Division. Kate holds a Ph.D. in Food Chemistry and Analysis from the University of Chemistry and Technology in Prague.



**Dr. Susan Genualdi**

Research Chemist, Food and Drug Administration, Center for Food Safety and Applied Nutrition, Office of Regulatory Science, USA  
Aug 2, 9:00 - 9:20

Susan Genualdi is currently a Research Chemist in the Center for Food Safety and Applied Nutrition at the Food and Drug Administration. Her research over the last 12 years has focused on developing methods for the analysis of direct and indirect food additives in food and food packaging and for the last 6 years has focused on PFAS analysis in foods. Prior to her work at the FDA, she received her PhD in Analytical Chemistry at Oregon State University and was a postdoctoral fellow at Environment Canada.



**Dr. Kevin Kubachka**

Analytical Chemist, Food and Drug Administration, Forensic Chemistry Center, USA  
Aug 2, 9:20 - 9:40

Dr. Kevin Kubachka is a chemist at the FDA's Forensic Chemistry Center (FCC) where he has focused his efforts on elemental speciation and isotope ratio mass spectrometry. His primary area of expertise is elemental analysis, with emphasis on elemental speciation of arsenic using LC-ICP-MS. He has published several peer-reviewed journal articles and has given numerous invited presentations on these topics. Additionally, Dr. Kubachka has been an instructor and course organizer for several FDA elemental analysis training courses.



**Dr. Jackie**

Assistant Product Manager (GC & GCMS), Shimadzu (Asia Pacific) Pte Ltd  
Aug 2, 9:50 - 10:05

Jackie obtained his PhD in Analytical Chemistry from the National University of Singapore. He has garnered over 9 years of research, training, and facilitation experience. Jackie meets scientists from various industries to share technical knowledge and collect feedback, understanding their problems and helping them find well-suited solutions in GC-related analyses.



**Dr. Didik Joko Pursito**

Head of Commercial Processed Food Production Control, The Indonesian FDA, Indonesia  
Aug 2, 10:50 - 11:10

Dr. Didik Joko Pursito is a professional in food processing, engineering, food safety, and quality management. He holds a prominent position at the Indonesian Food and Drug Authority and has made significant contributions to the industry. Didik is a Food Inspector and Head of Commercial Processed Food Production Control at The Indonesian FDA, actively engaging in regulatory processes and upholding industry standards.

He is a proud member of The Indonesian Association of Food Technologists and promotes advancements in food science and technology. Didik's research focuses on optimizing steam consumption in canning processes and actively engages with industry professionals and stakeholders to advance food safety and quality management practices.

For inquiries or potential collaboration opportunities, Dr. Didik Joko Pursito may be reached at [didik@pom.go.id](mailto:didik@pom.go.id). His unwavering commitment to excellence, along with his profound contributions to the field, have cemented his status as a highly respected figure within the food science community.



**Ms. Edna Callejas-Mijares, RCh., MSc.**  
CEO of Jefcor Laboratories, Inc.,  
Philippines  
*Aug 2, 11:10 - 11:30 & 11:50 - 12:20*

Edna C. Mijares is a Registered Chemist and a Master's Degree holder in Entomology Major in Insecticide Toxicology. She is a Chromatographer and has undergone thorough training for Waters and Agilent LC and GC basic and tandem products, respectively. She is a Pesticide Expert. She was a QA Supervisor for Asia-Pacific of FMC International S.A., a multi-national company in agro-chemicals based in the U.S. She is at present the President and CEO of JEFCOR LABORATORIES, INC., a Chemical Testing Laboratory that specializes in pesticides analyses and an ISO/IEC 17025 :2017 accredited Chemical Laboratory in all types of pesticides in various matrices in the Philippines.

She is a member of the Codex Sub-Committee on Sampling and Analysis as well as the Sub-Committee for Pesticide Residues under the Fertilizer and Pesticide Authority. Both Committees are under the jurisdiction of the Philippines National Codex Organization (NCO). She has been a regular member of the Philippine Delegation to the Codex-FAO-WHO Codex Commission on Pesticide Residues (CCPR) Annual Conferences.

The Bureau of Agriculture and Fisheries Standards (BAFS) mandated to establish the Philippine National Standards in Agriculture on Maximum Residue Limits (MRLs) of Pesticides in Agriculture has appointed her member of the Technical Working Group (TWG) through the Integrated Chemists of the Philippines (ICP) where she is an ex-Officio Officer.

Ms. Mijares has taught Advanced Analytical Techniques in the Graduate School, Chemistry Department of De La Salle University in Manila. She is a Trainer on Good Laboratory Practices and an ISO/IEC 17025: 2017 Assessor. She is the recipient of the 2021 Achievement Award for Service to the Chemistry Profession granted by the Federation of Chemistry Societies and Distinction Awardee for Chemistry by the Federation of Professionals Association in 2022.



**Dr. Kaushik Banerjee**  
Director of ICAR NRC Grapes, India  
*Aug 2, 11:30 - 11:50 & 11:50 - 12:20*

Dr Kaushik Banerjee is the Director of ICAR-National Research Centre for Grapes, Pune. His area of research focuses on the development of efficient analytical methods for the sensitive and confirmatory estimation of pesticide residues and mycotoxins in agricultural and food matrices, and risk assessment studies for fixation of crop specific MRLs. Being a member of the Scientific Panels of FSSAI, he regularly contributes to the development and implementation of food safety standards in India. He is also the Chairman of the India Section of AOAC INTERNATIONAL. Dr Banerjee's extensive contributions to analytical science and community have earned him numerous national and international laurels, including AOAC's Harvey W. Wiley Award, and fellowships from the Royal Society of Chemistry, National Academy of Agricultural Sciences, and the Indian Council of Agricultural Research.



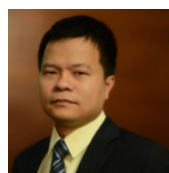
**Dr. Annabelle Briones**  
Director, Department of Science and  
Technology - Industrial Technology  
Development Institute (DOST-ITDI), Philippines  
*Aug 2, 11:50 - 12:20*

Annabelle V. Briones is the Director of Industrial Technology Development Institute (ITDI), Department of Science and Technology (DOST). She is at the forefront of leading the Institute to make local industries globally competitive through research and development, transfer and commercialization of innovative and sustainable technologies, and appropriate technical services.

She earned her doctorate in Engineering from Keio University, Japan, and a Master of Science in Chemistry from the University of Santo Tomas, Philippines. In 2017, she was conferred as Scientist I of Scientific Career System by the Philippine National Academy of Science and Technology and a Career Executive Service Officer (CESO), rank IV by the Philippine Career Executive Service Board (CESB).

She had represented the country in various international symposia and conferences. She has authored multiple publications and patents. One of her researches is the Philippine Mosquito Ovicidal/Larvicidal (OL) Trap system selected as finalists of the 2016 R&D 100 Awards (The Oscars of Invention) by R&D World Magazine.

She also received the award as Woman Leader of DOST in 2019 and a recipient of the Presidential Lingkod Bayan Award (group category) in 2014. In 2020, the Philippine Association for the Advancement of Science and Technology (PHILAAST) bestowed her with the Gregorio Zara Award for Applied Research, and this year, Asian Scientist Magazine recognized her accomplishments as one of the most outstanding scientists in the region in their 2021 edition of the Asian Scientist 100 list.



**Dr. Tran Cao Son**  
Deputy Director  
National Institute of Food Control, Vietnam  
*Aug 2, 11:50 - 12:20*

Dr. Tran Cao Son is the Deputy Director of the National Institute for Food Control (NIFC), Ministry of Health of Vietnam. Dr. Tran graduated from Hanoi University of Pharmacy in 2005. He received a Ph.D. in Toxicology and Drug Testing at Hanoi University of Pharmacy in 2015. He has spent more than 15 years working in laboratories with modern analytical instruments such as liquid chromatography, gas chromatography, mass spectrometry, ... and their applications in food safety testing and pharmacokinetic study. He has vast experience in laboratory management following ISO/IEC 17025 standard. He has participated in numerous international and national laboratory assessment programs. He has been a member of the ASEAN Food Testing Laboratory Committee (AFTLC) since 2017 and chaired this committee from 2018 to 2020. He has published numerous scientific articles in national and international publications on analytical method development and validation, food control, risk assessment, toxicology, and pharmacokinetics study. He is now the Editor-in-chief of the Vietnam Journal of Food Control (VJFC).



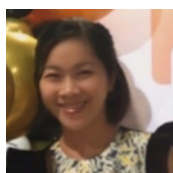
**Ms. Kumud Ashish Singh**  
Senior Regulatory Expert – Food (South Asia), Merck Life Science Pvt Ltd, India  
*Aug 2, 16:30 - 17:00*

Kumud Ashish Singh is currently leading regulatory management for F&B & Environment Testing at Merck Life Science supporting advocacy & surveillance for APAC countries. Over 17.5 years of experience involving manufacturing & corporate roles in various FMCG companies. Prior to working with Merck, she was responsible for set up of greenfield lab project (1.4 MM USD) involving designing to operation (QMS) followed by Operational Excellence in laboratory for Mars International. Also worked as Microbiologist Subject Matter Expert with Coca-Cola India & Pepsi Foods, where she was responsible for conducting capability enhancement programs for microbiologists like global microbiology training, troubleshooting along with microbiology risk assessment programs to curb microbial spoilage & low-cost proficiency testing programs for India & Southwest Asia region. She started her career as microbiologist at Colgate Palmolive and Johnson & Johnson. Member of FSSAI Method Review Group since 2018 to 2020, member of AOAC India Chapter (since 2017), Secretary AOAC SEA from 2020, Chair of Microbiology Working Group of AOAC SEA and current member of scientific council of CHIFSS which is a joint association between CII & Unilever. One of her notable advocacy projects was development of C-MAT lab as part of CSR project between Merck & FSSAI.



**Ms. Ho Tran Ngoc Quyen**  
Head of Proficiency Testing Department of QUATEST 3 - AFRL for Food Microbiology, Vietnam  
*Aug 2, 17:00 - 17:30*

Ms. Quyen has been working for Quality Assurance and Testing Center 3 (QUATEST 3) since 2012, in charge of organizing Proficiency Testing (PT) programs in chemical and physical-mechanical areas. She was the statistics officer of the Proficiency Testing Department from 2013 to 2015. Ms. Quyen is presently the Head of Proficiency Testing Department of QUATEST 3 – Vietnam. Before QUATEST 3, Ms. Quyen worked in the Petroleum and Food Testing Laboratories in international companies for 4 years. She got her Bachelor of Engineering – Chemical Technology from University of Technology – Ho Chi Minh City.



**Ms. Anh Thai**  
Solution Scientist on Chemistry  
Merck Vietnam, Ho Chi Minh City, Vietnam  
*Aug 2, 14:00 - 14:20, VIP Room 2*

Thai Phuong Anh is Solution Scientist at Merck Vietnam. She has over 15 years' work experience in the fields of Science & Lab Solutions. She joined Merck in 2012 and works as Specialist in advanced analytical products. She is responsible for promoting Chemistry products to the Vietnam market with solutions in Chromatography, titration, photometer technics and reference material. She holds a Bachelor of Engineering (Food Chemical) in HCM University of Technology and a MBA in HCM Economic University.



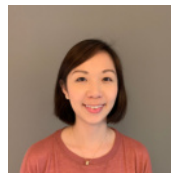
**Mr. Yip See Chung**  
Field Application and Market Development Manager, ASEAN, SCIEX  
*Aug 2, 14:20 - 14:40, VIP Room 2*

Mr Yip is the Field Application Manager specializing in applied markets clinical research and small molecules application at SCIEX (Singapore and Southeast Asia). He has a rich experience in the Mass Spectrometry and is still actively involved in new method developments, consultation services and collaboration with customers in applied markets especially Food Safety and Environmental Application. He is routinely involved in training and developing MS technologies in regulated laboratories. Prior to SCIEX, Mr Yip has worked in Shimadzu and Waters as application chemist with a total of 20 years of experience in the analytical field. Academically, Mr Yip holds a Bachelor of Science with Honors in Chemistry and Master of Science in Chemistry majoring in Analytical Chemistry from National University of Singapore. He has also made some publication to international journal papers and SCIEX's technotes.



**Mr. Toru Miura**  
Principle Scientist, FUJIFILM Wako Pure Chemical Corporation, Japan  
*Aug 2, 14:45 - 15:05, VIP Room 2*

Toru Miura is a Principle Scientist of Functional Materials Research Laboratories within FUJIFILM Wako Pure Chemical Corporation. He has been with FUJIFILM Wako Pure Chemical Corporation since 2011. Prior to joining FUJIFILM Wako, he worked as a researcher of the National Metrology Institute of Japan (NMIJ), mainly focusing on development of Certified Reference Materials using mass balance, freezing point depression method and quantitative NMR (qNMR). He is a WG member of the Japanese Pharmacopeia herbal medicine and chemical pharmaceutical related to qNMR methodology, a Japanese expert of ISO/TC34 (Food products) and ISO/TC334 (Reference Materials). Since 2020, he serves as a member of the United States Pharmacopeia Expert Panel for qNMR to develop revisions of USP NMR General Chapters <761> and <1761>.



**Dr. Zhang Wenlin**  
Food & Environment Market Development Manager, Waters Pacific Pte Ltd  
*Aug 2, 15:05 - 15:25, VIP Room 2*

Wenlin has over 10 years' experience in Analytical Instrument business. In her current role, Wenlin helps food and environmental organizations understand current F&E regulations, trends, and introduce Waters latest F&E solutions. She held various technical roles as LC-MS Applications Specialist and Sales Applications Team Leader prior to joining the Marketing team. She earns Ph.D in Chemistry from National University of Singapore.



**Dr. Yi Ding**

Senior Analytical Scientist, Abbott  
Nutrition, Singapore  
*Aug 2, 16:00 - 16:20, VIP Room 2*

Dr Yi Ding joined the Abbott Nutrition Research and Development as a senior analytical scientist in 2017. Prior to joining Abbott Nutrition, he worked as a scientist in the Chemical Metrology Laboratory of the Health Sciences Authority Singapore and as an application & training consultant with Agilent Technologies. He has inorganic and organic chemistry educational background from his Ph.D and Masters study.

Yi is currently involved in the R&D activities such as test method development and validation, test method transfer and in-house research testing. He also work extensively on the technical qualification of Third Party Manufacturer's laboratory.



**Dr. Wong Lingkai**

Senior Analytical Scientist, Abbott  
Nutrition, Singapore  
*Aug 2, 16:00 - 16:20, VIP Room 2*

Dr Wong Lingkai obtained his PhD in Medicinal Chemistry from National University of Singapore, He has garnered over 19 years of research experience in the field of organic synthesis, medicinal and analytical chemistry. He also has experience working with production of reference materials and reference methods development.

Lingkai is a Senior Analytical Scientist in the Analytical Research Team of Abbott Nutrition R&D, Pacific Asia. He work on analytical method for ingredients and nutrients.



**Scan the QR code for talk abstracts.**

## STUDENT AWARDS PROGRAM

### Program Leaders & Contributors

Dr. Qi Lin, Abbott Nutrition  
 Ms. Amelia Cheng, AOAC SEA  
 Dr. Jianhong Ching, Duke-NUS  
 Dr. Le Quoc Phong, Pasteur Institute NT  
 Dr. Akmal Mokhter, UTM  
 Dr. Sheela Chandren, UTM  
 Dr. Joanne Ho, Waters  
 Ms. Lee Hui Key  
 Dr. Hong Hanh Nguyen, AOAC SEA  
 Mr. Admer Rey Dablio, ITDI, DOST

### Student Abstract Judges

Dr. Jianhong Ching, Duke-NUS  
 Dr. Le Quoc Phong, Pasteur Institute NT  
 Dr. Akmal Mokhter, UTM  
 Dr. Sheela Chandren, UTM  
 Dr. Pravate Tuitemwong, KMUTT

### Student Poster Competition Judges

Dr. Annabelle V. Briones, Director, ITDI, DOST, Philippines  
 Dr. Chai Lay Ching, Pro Vice Chancellor, Sunway University, Malaysia  
 Dr. Erik Konings, Past-President of AOACI; R&D Expert, Nestlé, Switzerland  
 Dr. Pham Hung Viet, Director of KLATEFOS, VNU University of Science, Vietnam

## CONFERENCE SPEAKERS & PANELISTS

### Distinguished Speakers & Panelists

Dr. Trieu Viet Phuong, VSQI, MOST  
 Ms. Hoang Thanh Duong, BoA, MOST  
 Dr. Erik Konings, Nestle  
 Ms. DeAnn Benesh, Neogen  
 Mr. Darryl Sullivan, Eurofins  
 Dr. Hou Xinping, BV-AQ  
 Ms. Phan Bich Ha, IPH, MOH  
 Mr. Phan Nguyen Truong Thang, IDQC-HCMC  
 Ms. Nguyen Thi Hong Ngoc, NIFC, MOH  
 Dr. Tee E Siong, Nutrihealth Consultancy  
 Dr. Chai Lay Ching, Sunway University  
 Dr. Katerina (Kate) Mastovska, AOACI  
 Dr. Susan Genualdi, US FDA  
 Dr. Kevin Kubachka, US FDA  
 Dr. Didik Joko Pursito, Indonesian FDA  
 Ms. Edna C. Mijares, Jefcor Laboratories  
 Dr. Kaushik Banerjee, NRC Grapes - ICAR  
 Dr. Annabelle V. Briones, ITDI, DOST  
 Dr. Tran Cao Son, NIFC, MOH  
 Mr. Andrew Lienau, MilliporeSigma  
 Ms. Kumud Ashish Singh, Merck  
 Ms. Ho Tran Ngoc Quyen, QUATEST3, MOST

### Technology Provider Speakers

Mr. Andrew Lienau, Merck  
 Ms. Boonraksa Srisawang (Nik), Agilent  
 Ms. Mabel Ng, Romer Labs  
 Mr. Daniel Tan, Gold Standard Diagnostics  
 Ms. Tran Thi Anh Nguyet, Bruker  
 Dr. Jackie, Shimadzu  
 Ms. Anh Thai, Merck  
 Mr. Yip See Chung, SCIEX  
 Mr. Toru Miura, FUJIFILM  
 Dr. Zhang Wenlin, Waters  
 Dr. Yi Ding, Abbott Nutrition  
 Dr. Wong Lingkai, Abbott Nutrition

## CONFERENCE ORGANIZING COMMITTEE

### Conference Organizing Committee Chair

Dr. Lin Qi, Abbott Nutrition

### Conference Organizing Committee Leaders & Key Contributors

Mr. Admer Rey Dablio, ITDI, DOST  
Ms. Amelia Cheng, AOAC SEA  
Ms. Christine Eden Sevilla, FNRI, DOST  
Ms. Dang Thu Nga, Oncofibro  
Ms. Devi Rameiyanti, Merck  
Dr. Erik Konings, Nestle  
Dr. Hong Hanh Nguyen, AOAC SEA  
Dr. Hou Xinping, BV-AQ  
Ms. Huynh Thi Bao Tram, Nong Lam University  
Dr. Jianhong Ching, Duke-NUS  
Dr. Joanne Ho, Waters  
Dr. Le Quoc Phong, Pasteur Institute NT  
Dr. Lee Huei Hong, Waters  
Ms. Lee Hui Key  
Ms. Michelle Yit, PT AraSains  
Dr. Nguyen Thanh Ha, IDQC-HCMC  
Mr. Nguyen Van Vinh Ha, IDQC-HCMC  
Dr. Tran Cao Son, NIFC, MOH  
Dr. Wong Lingkai, Abbott Nutrition  
Dr. Zhang Jie, Reckitt

## AOAC SEA OFFICERS

### AOAC SEA Executive Committee

Dr. Erik Konings, Nestle, *Section Mentor*  
Dr. Hou Xinping, BV-AQ, *President*  
Dr. Zhang Jie, Reckitt, *President-Elect*  
Dr. Lin Qi, Abbott Nutrition, *Treasurer*  
Ms. Kumud Ashish Singh, Merck, *Secretary*

### AOAC SEA Strategic Engagement Managers

Dr. Hong Hanh Nguyen, *MarCom*  
Dr. Joanne Ho, Waters, *Sponsor*  
Dr. Jianhong Ching, Duke-NUS, *Public*

### AOAC SEA Working Group Chairs & Co-chairs

Dr. Jing Tan, FMC, *Capacity Building WG Chair*  
Mr. Stewart Jones, APFAN, *Capacity Building WG Co-chair*  
Dr. Zhang Jie, Reckitt, *Emerging Issues WG Chair*  
Dr. Lee Huei Hong, Waters, *Emerging Issues WG Co-chair*  
Dr. Annabelle V. Briones, ITDI-DOST, *Harmonization of Methods WG Chair*  
Ms. Maria Josephine 'Pinky' Gonzales, Nestle, *Harmonization of Methods WG Co-chair*  
Mr. Dimas Ade Putra, Indonesian Ministry of Industry, *Harmonization of Methods WG Co-chair*  
Ms. Kumud Ashish Singh, Merck, *Microbiology WG Chair*  
Dr. Chai Lay Ching, Sunway University, *Microbiology WG Co-chair*  
Dr. Qi Lin, Abbott Nutrition, *Training of Young Scientists WG Chair*  
Ms. Amelia Cheng, *ToYS WG Co-Chair*



**University Engagement** is one of the programs under AOAC SEA's Training of Young Scientists Working Group (ToYS WG).

As ToYS aims to establish programs across Southeast Asia countries to develop, train, encourage, support, and recognize young scientists, the **University Engagement Program** is crucial in establishing the relationship between AOAC SEA and its partners with university students. At the current stage, the program provides career guidance to university students through speech and panel discussion. This helps students visualize a clearer picture of potential career opportunities and career paths ahead.

In 2022, the University Engagement Program held its 1st event in collaborations with the Department of Chemistry, Faculty of Science, Universiti Teknologi Malaysia (UTM); Malaysian Institute of Chemistry (IKM) Southern Branch; and Universiti Sains Malaysia (USM). There were 311 students enrolled in a 2.5-hour session organized by a committee made up mostly of 3rd-year students under the mentorship of Dr. Sheela Chandren, UTM. The panel discussion was made up of experts from a global testing service company, a multinational instrumentation manufacturer, and a technology transfer SME. This served as a proof of concept to establish a *broader platform to bridge together* people from both large and small companies with different levels of financial freedom in a wide network of organizations in the government, industry and academia to *find solutions that fit the purpose*. This 1st University Engagement Event showed that career prospects for chemistry and biology students could be broader than what they might have thought. It also served as a vehicle for the students to understand research and industrial training better as well as to think about what activities they would like AOAC SEA to carry out to help them better in their future careers.



### 2023 University Engagement Event

In 2023, the University Engagement Event is going to be held virtually in the month of November or December.

Universities and industry speakers are welcome to connect to the Training of Young Scientists Working Group to express their interests in partnering up!

Please find **Dr. Qi Lin**, ToY WG Chair, at the conference or send an email to [young.scientists@aoac-sea.org](mailto:young.scientists@aoac-sea.org).

**AOAC SEA Technical Forum** provides a platform for discussion of food safety and analysis, including techniques, laboratory management, standards and regulations, and collaborations.

Our goals are to

- Bring together government, industry, and academia to establish standard methods of analysis.
- Provide information for the testing laboratories in this region to enhance laboratory capacity and compliance with regulatory requirements.
- Facilitate the knowledge sharing and collaboration among the AOAC communities.

1

### Technical Topics

- Sampling
- Method Selection
- Sample Preparation
- Detection Techniques (LC, GC, ICP, MS/MS; Microbiol.; etc.)
- Data Processing
- Lab Investigation Report (LIR)
- Method Validation and Verification
- Statistical Analysis and Chemometrics

2

### Lab Management

- Lab Establishment & Maintenance
- Lab Quality System and Audits
- Lab Safety System and Audits
- Technical Talent Management
- Testing Lab Networking
- Standards and Regulations

3

### Community (Members Only)

- Young Scientists
- Achievement Sharing
- Contests and Challenges
- Knowledge Base
- Volunteer Opportunities



### Looking for volunteers to join the Consultant Panel

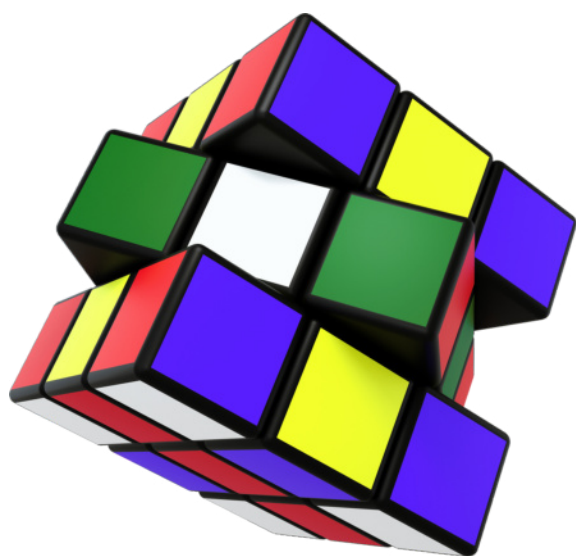
**Dr. Jing Tan**, Analytical Team Leader at FMC, Singapore, volunteered to lead this program.

If you are the expert in any of the fields above, please find Jing at the conference or drop her an email at [capacity.building@aoac-sea.org](mailto:capacity.building@aoac-sea.org).



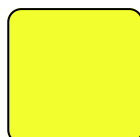
**AOAC SEA has 5 working groups:** Capacity Building, Emerging Issues, Harmonization of Methods, Microbiology, and Training of Young Scientists.

The Working Groups collaborate with one another when necessary to create mechanisms that support the Southeast Asia countries address their issues with analytical competence while building analytical capabilities. At the regional and international level, Harmonization of Methods Working Group aims to support the Southeast Asia countries' important roles in global food production, supply and trading.



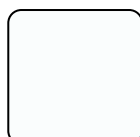
### Capacity Building Working Group

The objective of Capacity Building Working Group is to develop competences, capacity and analytical capabilities for implementation of key processes of detection, assessment, response, notification, and monitoring of events.



### Emerging Issues Working Group

The objective of Emerging Issues Working Group is to identify and monitor emerging issues to forecast and predict possible food safety risks, and develop appropriate measures to manage the identified risks.



### Harmonization of Methods Working Group

The objective of Harmonization of Methods Working Group to identify methods to harmonize in line with SOUTHEAST ASIA priorities in order to achieve uniformity of results, or conversion of results such that different countries can use the data obtained from different laboratories.



### Microbiology Working Group

The objective of Microbiology Working Group is to identify needs associated with the implementation of microbiological food safety by driving scientific agreement leading to a reduction in foodborne microbial incidents and recall along with microbiological capability development.



### Training of Young Scientists Working Group

The objective of Training of Young Scientists Working Group is to establish programs across Southeast Asia countries to develop, train, encourage, support, and recognize young scientists.



### Looking for volunteers and contributors

If you are interested in any of the working group(s), please scan the QR code to learn more about the working group activities and the respective leaders.

Please feel free to reach out to us during the conference or via email!



The Southeast Asia Section of AOAC (AOAC SEA) was formed in 2021 to establish effective vehicles to gather government, industry, and academia to drive development of analytical competence and capabilities to foster more public-private engagements, and ensure safety and integrity of foods and other products that impact public health to ultimately benefit consumers and economies in the region. AOAC SEA aims to bridge the SEA regional requests to AOAC INTERNATIONAL for its catering of products and services that meet regional needs.

AOAC SEA has established collaborations with regional organizations and associations on analytical solutions for food quality and safety testing that include a number of government organizations and other non-profit scientific organizations in Vietnam, Philippines, and Malaysia, as of Jul 2023. With the financial support of industry partners, we have held/are holding two successful annual conferences, with increasing amount of complexity to cater to the specific needs of the community.

We will be having more outreach programs in the year of 2024, through efforts of the 5 Working Groups (Capacity Building, Training of Young Scientists, Microbiology, Emerging Issues, and Harmonization of Methods) and Strategic Engagement Managers.



### Looking forward to engaging more stakeholders in the region

AOAC SEA is seeking for more **Organizational Members, Program Supporters, and Experts** to join our efforts of convening government, industry and academia to develop and validate standards, methods and technologies, and ensure the safety and integrity of foods and other products that impact public health.



### Looking for volunteers

AOAC SEA is looking for volunteers to join the Section and serve the regional analytical science community:

- Volunteers (WG chairs, engagement managers, expert panels, event volunteers, etc.)
- Program leaders
- ExCom officers (through election)

Please stay tuned with our newsletter and social media releases. Information can also be found at <https://aoac-sea.org/>.

AOAC is committed to being a proactive, worldwide provider and facilitator in the development, use and harmonization of validated analytical methods and laboratory quality assurance programs and services. AOAC International serves to its members and the communities of analytical sciences by providing the tools and processes necessary for community stakeholders.

Join AOAC SEA as a corporate member to gain the practical benefits and reputational advantage of being part of the world's most unique and respected analytical solutions providers.

**Your company can demonstrate leadership in ensuring safe and healthy food for our families and communities. Access AOAC latest standards and globally recognized scientific and regulatory experts. Influence the trends and standards adopted by authorities around the world. Tie your organization's reputation to the most respected organization for food quality and safety. Reap dividends in risk reduction, brand reputation, and business intelligence.**

Executive	Associate	Supporter	Government & Association (Non-Profit)
10000 SGD	7000 SGD	4000 SGD	300 SGD
5 Individual Membership to AOAC INTERNATIONAL – Includes access to online OMA, online AOAC Journal, ILM	3 Individual Membership to AOAC INTERNATIONAL – Includes access to online OMA, online AOAC Journal, ILM	2 Individual Membership to AOAC INTERNATIONAL – Includes access to online OMA, online AOAC Journal, ILM	1 Individual Membership to AOAC INTERNATIONAL – Includes access to online OMA, online AOAC Journal, ILM
Membership in AOAC SEA expert working groups	Membership in AOAC SEA expert working groups	Membership in AOAC SEA expert working groups	Membership in AOAC SEA expert working groups
Participation in annual section meeting organizing committee	Participation in annual section meeting organizing committee	Participation in annual section meeting organizing committee	Participation in annual section meeting organizing committee
100% discount on webinars hosted by AOAC SEA Section	75% discount on webinars hosted by AOAC SEA Section	50% discount on webinars hosted by AOAC SEA Section	100% discount on webinars hosted by AOAC SEA Section
Invitations to Section's Full Board Meetings; access to exclusive Section events	Invitations to Section's Full Board Meetings; access to exclusive Section events	Invitations to Section's Full Board Meetings; access to exclusive Section events	Invitations to Section's Full Board Meetings; access to exclusive Section events
Access to exclusive Annual Section Meeting benefits including first option on sponsorship packages at 10% discounted prices & stand placement, the VIP room & Keynote Meet & Greet	Access to exclusive Annual Section Meeting benefits including first option on sponsorship packages at 5% discounted prices	-	Access to exclusive Annual Section Meeting benefits including first option on sponsorship packages at 10% discounted prices & stand placement, the VIP room & Keynote Meet & Greet
Logo on AOAC SEA Section website (with link to organization's homepage)	Logo on AOAC SEA Section website (with link to organization's homepage)	Logo on AOAC SEA Section website (with link to organization's homepage)	Logo on AOAC SEA Section website (with link to organization's homepage)
Inclusion of technical article/information/news in AOAC SEA Section newsletter to Section membership	Inclusion of technical article/information/news in AOAC SEA Section newsletter to Section membership	Inclusion of technical article/information/news in AOAC SEA Section newsletter to Section membership	Inclusion of technical article/information/news in AOAC SEA Section newsletter to Section membership



### Got questions?

Please look for **Dr. Joanne Ho** at the conference. You can also email to [sponsor.engagement@aoac-sea.org](mailto:sponsor.engagement@aoac-sea.org).



*The Southeast Asia Section of*  
**AOAC INTERNATIONAL**

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