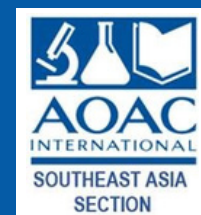


# AOAC SEA Section



*The Southeast Asia Section of AOAC INTERNATIONAL*



## AOAC SEA 1ST ANNUAL CONFERENCE

**12-13 October, 2022, Singapore**

AOAC SEA 2022 Annual Conference aims to establish an effective vehicle to drive the development of analytical competence and capabilities in Southeast Asia, foster more public-private engagements, and ultimately bring benefits for the consumers and economies in the region. The theme of the conference is "Food Safety: Regulation and Analytical Science."

## HIGHLIGHTED PROGRAMS

### 4 Working Groups:

- Training of Young Scientists
- Capacity Building
- Emerging Issues
- Harmonization of Methods

### 3 Online Forum Modules:

- Technical Topics
- Lab Management
- Community



## AN OVERVIEW ABOUT AOAC SEA



After the proposal in 2019 and petition in 2020, in June 2021, the Southeast Asia Section of AOAC INTERNATIONAL (AOAC SEA Section) was formed.

AOAC SEA Section encompasses 10 countries: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Timor-Leste and Vietnam.



AOAC SEA mission is to convene 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.

We continuously seek volunteers to join our team and make that mission a success.

# AOAC SEA Working Groups

## Training of Young Scientists

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.

The programs include Student Awards, University Engagement, Online Forum Discussion, and Training & Development. The Student Awards program was rolled out together with AOAC SEA 1st Annual Conference to encourage students to share their research work and to recognize their contribution to food safety and testing.

AOAC SEA vision is to be a contributor in developing confidence in consensus-based analytical solutions for food safety, food integrity and public health across the region. Four Working Groups were established: Training of Young Scientists, Capacity Building, Emerging Issues, and Harmonization of Methods.

We continuously seek volunteers who have the passion to work on these programs and together contribute to the safety and integrity of foods and other products that impact public health across Southeast Asia and around the world.

Please register your membership and working group preferences (up to 4) at [aoac-sea.org](http://aoac-sea.org) if you would like to volunteer and work together with a group of great people.



### Capacity Building

To develop competences, capacity and analytical capabilities for implementation of key processes of detection, assessment, response, notification, and monitoring of events.

### Emerging Issues

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

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.

# Online Discussion Forum

AOAC SEA Online Discussion Forum has 3 modules:

- Technical Topics
- Lab Management
- Community

To further foster the exchange of information and ideas among individuals or groups that share a common interest in analytics and testing, we created the Online Discussion Forum at [aoac-sea.org/forum](http://aoac-sea.org/forum).

The forum has 3 modules: Technical Topics, Lab Management, and Community. The first 2 are open to the general public. The Community module is open to AOAC SEA members only. Residing in the Community module is Knowledge Base to build knowledge for AOAC SEA Section to operate and thrive sustainably.

The prerequisite for any online forum to survive is the active engagement and contribution of its members. We already have a diverse team of passionate individuals who want to advance food safety, food integrity, and public health across SEA. We also have a platform to catalyze and organize such partnerships. More than ever, we need people with expertise to join hands and make this a success.

AOAC SEA Individual Membership is FREE here: [aoac-sea.org/individual-membership/](http://aoac-sea.org/individual-membership/).

## 01 Technical Topics

The Technical Topics Module includes: Sampling, Method Selection, Sample Preparation, Detection Techniques, Data Processing, Lab Investigation Report, Method Validation and Verification, Statistical Analysis and Chemometrics.

**\*\* Detection Techniques include:** LC, LC-MS/MS, GC, GC-MS/MS, ICP, ICP-MS, microbiological methods, and others.

## 02 Lab Management

The Lab Management Module includes: Lab Establishment and Management, Lab Quality System and Audits, Technical Talent Management, Testing Lab Network, Standards and Regulations.

**\*\* This also contributes to elevating the quality and standards in laboratories and testing results.**

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



# 1st Annual Conference



The conference covers popular food safety topics such as microbiological, mycotoxins, and pesticides / veterinary drugs analysis. Important topics in analytical testings such as AOAC Method Validation / SMPR, reference materials, method uncertainty and regulation compliance, and method harmonization. Half a day will also be dedicated to young scientists.

## FOOD SAFETY ANALYTICAL TESTING

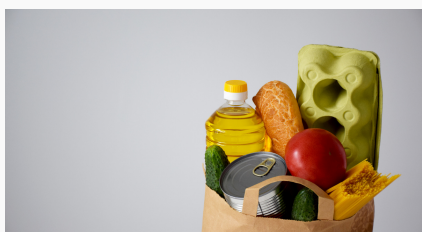
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12-13 Oct, 2022, Singapore

## FOOD SAFETY: REGULATION AND ANALYTICAL SCIENCE

### MOAH / MOSH



- MOAH/MOSH supply chain contamination, safety risk, and regulatory status
- MOAH/MOSH analytical challenges and solutions

### 3-MCPD / GE



- 3-MCPD/GE in food supply chain & mitigation actions
- 3-MCPD/GE test methods and implementation by regulatory authorities

### PFAS



- Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in drinking water: monitoring and analytical testing

Visit [aoac-sea.org/annual-meetings/](https://aoac-sea.org/annual-meetings/) for more details

# Acknowledgements

AOAC SEA Section cannot function properly without a strong framework and generous supports from AOAC INTERNATIONAL; passionate and capable volunteers who want to see the success of the AOAC SEA Section and are willing to pitch in; and above all, support from the whole community to together contribute to the safety and integrity of foods and other products that impact public health around the world.



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Xinping Hou  
*BV-AQ, Singapore*

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## Working Group Chairs

**Capacity Building**  
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*Transmed, Vietnam*

**Harmonization of Methods**  
Annabelle Briones  
*DOST, Philippines*

**Training of Young Scientists**  
Qi Lin  
*Abbott, Singapore*

**Emerging Issues**  
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