



# 3<sup>rd</sup> International Conference Environmental Pollution and Food Safety (EFS 2019)

Organized by Singapore Laboratory Professionals

Partners: Faculty of Agriculture, UPM & Food Industry Asia

**Conference Theme: Food and Environmental Sustainability**

**October 16-17, 2019**

**Venue: Sunway Putra Hotel, Near PWTC, KL, Malaysia**

## Day 1: 16 October 2019 (Wednesday)

Time	Topic	Speaker
9.00 - 9.30	Registration and Opening ceremony	SLPSS and UPM faculties
9.30 – 10.15	<i>Keynote Lecture</i> Food safety and Food Adulteration with the focus of Halal Food G: Recent trends and challenges	<b>Prof. Suhaimi Mustafa</b> , Director Halal Research Institute, UPM, Malaysia
10.15 -11.00	<i>Keynote Lecture</i> Technology advancements in Water and Wastewater Management	<b>Professor Ahmad Zaharin Aris</b> Dean, Faculty of Environmental Studies Universiti Putra Malaysia
11.00 – 11.30	The rise of plant-base and clean meat food on the global scale: Trends in consumer and investment opportunities	<b>Mr Christian Cadeo</b> , Managing Partner, Asia Big Idea Venture, Singapore
11.30 – 12.00	Food and Environment Toxicology: Toxicogenomics	<b>Prof. Prakash Hande</b> , Yang Loo Lin School of Medicine, National University of Singapore, Singapore
<b>12.00 – 14.00</b>	<b>LUNCH and LAB ASIA 2019 EXHIBITION VISIT</b>	
	Food	Environment
14.00 – 14.30	Recent advances in Bio sensors for Food Analysis <b>Prof. Aziz Amine</b> , Faculty of Sciences and Techniques – Hassan II University of Casablanca, Morocco	Air quality Management – China and Global perspectives <b>Prof. He Jun</b> University of Nottingham Ningbo, China
14.30 – 15.00	Controlling pesticides residues in agricultural farming and best practices for food safety <b>Prof. Dzolkhifli Omar</b> Faculty of Agriculture, Universiti Putra Malaysia	Assessment of emerging pollutant in surface water and its associated risks <b>Assoc. Prof. Dr. S.M. Praveena</b> , Universiti Putra Malaysia,
15.00 – 15.30	Food Genomics – Heavy metals for Food Safety <b>Dr Suresh Kaushik</b> , Indian Agricultural Research Institute, Delhi, India	Nanotechnology- novel catalyst for Wastewater treatment applications <b>Dr. Augustine Quek</b> , National University of Singapore, Singapore
15.30 – 16.00	LCMS Workflow for meat and Halal Authenticity <b>Dr Dhaval Patel</b> Waters Corporations, Singapore	Monitoring Toxic Air Contaminants to Protect Health <b>Lotus Saw</b> Agilent Technologies, Malaysia
16.00 – 16.30	Migration of contaminants from Food Packaging Materials and related analysis <b>Dr. Sathrugnan Karthikeyan</b> Frontier Laboratories (Japan), Singapore	Analysis of volatile compounds using new GC Detector – Vacuum UV <b>Mr Andrew Low</b> , Joint Analytical Systems, Singapore
16.30 – 17.30	<b>Afternoon Tea break (Poster Session and Networking)</b>	

## Day 1: 17 October 2019 (Thursday)

Time	Topic	Speaker
9.00 - 9.30	Breakfast and networking	All
9.30 – 10.15	<i>Keynote Lecture</i> Food Authenticity: Recent developments in Analytical technologies and addressing real-world problems	<b>Dr Gunawan Witjaksono</b> , Associate Professor, Universiti of Petronas, Malaysia
10.15 -11.00	<i>Keynote Lecture</i> Analysis of gaseous and particulate compounds for investigating chemistry occurring in the atmosphere	<b>Professor Kei Toda</b> Professor, University of Kumamoto, Japan
11.00 – 11.30	Guiding principles for detection of pests and diseases in Vegetables and Fruits using modern detection techniques	<b>Professor Ganesan Vadamalai</b> , Faculty of Agriculture, UPM, Malaysia
11.30 – 12.00	Halal Globalization and Integrity	<b>Dr. Mohamed Syazwan Ab Talib</b> , Assistant Professor, University of Darussalam, Brunei
<b>12.00 – 14.00</b>	<b>LUNCH and LAB ASIA 2019 EXHIBITION VISIT</b>	
	Food	Environment
14.00 – 14.30	Food Security- DNA methods to pinpoint sources of outbreak <b>Dr. Stephan Phang</b> , Microbiology faculty, Singapore	Analysis of Microplastics using PYGCMS in Environmental Samples: An emerging contaminant <b>Ms Anusha, K. Sathrugnan</b> Frontier Laboratories, India
14.30 – 15.00	Development of Porcine Gelatin Analytical Testing with Agilent LC/MS/MS in Halal Authentication <b>Chong Huey Bing</b> Agilent Technologies, Malaysia	Assessment of heavy metals in water, fish and sediments from mining vicinity area, Nigeria <b>Dr. Moses Sunday</b> , Ahmadu Bell University, Nigeria
15.00 – 15.30	Toxin Gene profiles of Bacillus Cereus isolated from cooked Rice <b>Mr Yugenraj Navaneethan</b> , Universiti Sains Malaysia	LCMS strategies for the analysis of Polyfluoroalkyl Substances (PFAS) in environmental Water Samples <b>Mr Davina Stewart</b> , Waters Corporation, Singapore
15.30 – 16.00	Impact of heavy metals speciation in Food toxicity <b>Sathrugnan K</b> , Singapore Laboratory Professionals, Singapore	Lab water requirements for Food and Environmental Testing Laboratories <b>Mr. Frank Firicano</b> , Aries Filter Works, New Jersey, USA
16.00 – 16.30	Conference Concluding Remarks	

For Registration, please visit [www.efs2019.com](http://www.efs2019.com)

CONFERENCE THEME:

## Food and Environmental Sustainability



Organized by



Supporting Partner



### CONFERENCE REGISTRATION

All those interested to participate in EFS 2019 are required to register online at the conference's website ([www.efs2019my.com](http://www.efs2019my.com)) Below is the registration fee (inclusive of attendance to all plenary talks, conference materials, lunches and refreshment)

Participants	Early Bird (Before 31 August 2019)	Regular Rate (After 31 August 2019)
All participants	MYR 1000	MYR 1200
IKM member	MYR 900	MYR 1000
FIA member	MYR 1000	
Student	MYR 800	