

# FOOD, HEALTH & NUTRITION (FHN) CONFERENCE

**WEDNESDAY, 20 NOVEMBER 2019**

8.30 - 8.40 am **Welcome Remarks** by Rosidah Radzian,  
Chairperson of Food, Health and Nutrition Conference

## SESSION 1

### FOOD & FEED INNOVATION

**Chairperson:** Dr. Noor Lida Habi Mat Dian, MPOB, Malaysia

8.40 - 9.10 am	LP1	<b>Title:</b> Balancing Fat Composition in Commercial Foods: New Frontiers in Food Innovation <b>Speaker:</b> Mahinda Abeywardena, CSIRO - Health and Biosecurity, Australia
9.10 - 9.30 am	F1	<b>Title:</b> TBC <b>Speaker:</b> TBC
9.30 - 9.50 am	F2	<b>Title:</b> Enzymatic Synthesis, Encapsulation and Anti-obesity Effect of Palm-based Medium-and Long-chain Triacylglycerol Functional Oil <b>Speaker:</b> Lee Yee Ying, Monash University, Malaysia
9.50 - 10.10 am	F3	<b>Title:</b> Production of Palm and Palm Kernel Oil Based Specialty Fats through Fractionation and Interesterification <b>Speaker:</b> Liew Sin Lu, Desmet Ballestra (M) Sdn. Bhd., Malaysia
10.10 - 10.30 am		Discussion
10.30 - 11.00 am		Refreshment/ Exhibition/ Poster Viewing
11.00 - 11.20 am	F4	<b>Title:</b> Engineering CBE Properties to Create a True Cocoa Butter Mimetic from Palm Midfraction and Shea Stearin: The Key Role of POS <b>Speaker:</b> Alejandro Gregorio Marangoni, University of Guelph, Canada
11.20 - 11.40 am	F5	<b>Title:</b> Development and Characterisation of Nanoemulsions Modulated by Nanofibrils Network and Emulsifiers with Different Stabilising Mechanisms <b>Speaker:</b> Tan Chin Ping, Universiti Putra Malaysia, Malaysia
11.40 - 12.00 pm	F6	<b>Title:</b> Improving Livestock Production and Mitigating the Environmental Impact of Animal Agriculture through Sustainable Feed Sources from Oil Palm <b>Speakers:</b> Goh Yong Meng, Universiti Putra Malaysia, Malaysia
12.00 - 12.20 pm	F7	<b>Title:</b> Palm Oil as a Sustainable Lipid Source in the Global Aquaculture Feed Industry <b>Speaker:</b> Ng Wing Keong, Universiti Sains Malaysia, Malaysia
12.20 - 12.30 pm		Discussion
12.30 - 2.00 pm		Lunch

## SESSION 2

### FOOD SAFETY AND QUALITY

**Chairperson:** Ms. Norrani Eksan, Ministry of Health, Malaysia

2.00 - 2.30 pm	LP2	<b>Title:</b> Management of Food Safety and Quality in Oil Palm Supply Chain in Malaysia <b>Speaker:</b> Rosidah Radzian, MPOB, Malaysia
2.30 - 2.50 pm	F8	<b>Title:</b> CPO Washing to Produce Low 3-MCPD Oil: Sime Darby Experience <b>Speaker:</b> Nik Mohd Farid Mat Yasin, Sime Darby Research Sdn. Bhd., Malaysia

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2.50 - 3.10 pm	F9	<b>Title:</b> Development of Precise and Moderate Processing of Edible Oil in China <b>Speaker:</b> Yong Wang, Jinan University, Guang Zhou, China
3.10 - 3.30 pm	Discussion	
3.30 - 4.00 pm	Refreshment/ Exhibition/ Poster Viewing	
4.00 - 4.20 pm	F10	<b>Title:</b> Managing Environmental Contaminations along the Oil Palm Supply <b>Speaker:</b> Norizah Halim, MPOB, Malaysia
4.20 - 4.40 pm	F11	<b>Title:</b> Mitigation Strategies for 3-MCPD Esters and Glycidol Esters during Vegetable Oil Refining <b>Speaker:</b> Nils Hinrichsen, ADM Research GmbH Hamburg, Germany
4.40 - 5.00 pm	F12	<b>Title:</b> Standardisation Work for Determination of MOSH and MOAH in Vegetable Oils <b>Speaker:</b> Florence Lacoste, France Institute Fats and Oils, France
5.00 - 5.15 pm	Discussion	

## THURSDAY, 21 NOVEMBER 2019

### SESSION 3 NUTRITION AND METABOLISM

**Chairperson:** Ms. Zalma Abdul Razak, Ministry of Health, Malaysia

8.30 - 9.00 am	LP3	<b>Title:</b> Postprandial Effects of Interesterified vs. Non-interesterified Fats <b>Speaker:</b> Scott Harding, Memorial University, Canada
9.00 - 9.20 am	F13	<b>Title:</b> The Immune-boosting Potential of Palm Tocotrienols <b>Speaker:</b> Kanga Rani Selvaduray, MPOB, Malaysia
9.20 - 9.40 am	F14	<b>Title:</b> Combination of Palm Tocotrienols and Dendritic Cells in Suppressing 4T1 Tumours in BALB/C Mice <b>Speaker:</b> Sitti Rahma Abdul Hafid, MPOB, Malaysia
9.40 - 10.00 am	F15	<b>Title:</b> Effects of Aging and Tocotrienol-rich Fraction Supplementation on Brain Arginine Metabolism in Rats <b>Speaker:</b> Mohd Hanafi Ahmad Damanhuri, Universiti Kebangsaan Malaysia, Malaysia
10.00 - 10.15 am	Discussion	
10.15 - 10.30 am	Refreshment/ Exhibition/ Poster Viewing	

### SESSION 4 CLINICAL AND TRANSLATIONAL EVIDENCE

**Chairperson:** Prof. Madya Dr. Rokiah Don, International Medical University, Malaysia

10.30 - 11.00 am	LP4	<b>Title:</b> Update on Clinical Studies on Tocotrienols Rich Vitamin E in Diabetes <b>Speaker:</b> Khalid Abdul Kadir, Monash University, Malaysia
11.00 - 11.20 am	F16	<b>Title:</b> Vitamin E Family and Alzheimer's Disease: Closing the Gap between Observation and Intervention Studies <b>Speaker:</b> Francesca Mangialasche, Care Sciences and Society (NVS), Sweden

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11.20 - 11.40 am	F17	<b>Title:</b> Red Palm Oil in Addressing Vitamin A Deficiency - School Program in Malaysia <b>Speaker:</b> Radhika Loganathan, MPOB, Malaysia
11.40 - 12.00 pm	F18	<b>Title:</b> Tocotrienol-rich Fraction Attenuates UV-induced Inflammaging: A Bench to Bedside Study <b>Speaker:</b> Wei Ney Yap, Davos Life Science, Singapore
12.00 - 12.15 pm	Discussion	
12.15 - 12.30 pm	Prize Giving Ceremony of Best Poster	
12.30 - 2.00 pm	Lunch	

## NUTRITION FORUM

### Nutrition and Lifestyle - Are We Ready for the Aging Society?

**Moderator:** YM Prof. Dato' Dr. Tengku Aizan Hamid, Universiti Putra Malaysia, Malaysia

2.00 - 4.00 pm	<b>Panel Discussion:</b>	<ol style="list-style-type: none"> <li>1. Prof. Dr. Khalid Abdul Kadir (TBC)</li> <li>2. Dr. Francesca Mangialasche, NVS, Sweden</li> <li>3. Dr. Hafiz Sulaiman, Pertubuhan Doktor-Doktor Islam Malaysia (PERDIM), Malaysia</li> </ol>
4.00 pm	<b>Closing Remarks</b> by Rosidah Radzian, Chairperson of Food, Health and Nutrition Conference	

THE END

