

# FINAL PROGRAMME

## Day 1: Monday, 31st July 2017

- 7.45 a.m. onward Registration and welcome coffee
- 9.00 a.m. Welcome remarks by  
*Y.Bhg. Dato' Lee Yeow Chor, Chairman, MPOC*
- 9.10 a.m. Keynote address by  
*YB Datuk Seri Mah Siew Keong, Minister of Plantation Industries and Commodities, Malaysia*

### PLENARY SESSION (9.30 a.m. - 10.30 a.m.)

- 9.30 a.m. **Plenary Paper 1: Expanding Horizons of Palm Tocotrienol in Healthcare**  
*Prof. Dr. Chandan Sen, Ohio State University, USA*
- 10.00 a.m. **Plenary Paper 2: Dietary Fat Nutrition: Science or Politics?**  
*Dr. Kalyana Sundram, Malaysian Palm Oil Council (MPOC)*

### 10.30 a.m. Morning Coffee Break

### SESSION 1 PALM TOCOTRIENOLS AND ITS HEALTH BENEFITS (11.00 a.m. - 1.00 p.m.)

- 11.00 a.m. Effects of individual tocotrienol isomers on bone cells in a 3D cell culture system  
*Prof. Dr. Ima Nirwana Soelaiman, Universiti Kebangsaan Malaysia*
- 11.20 a.m. Overview of tocotrienols in cancer prevention  
*Dr. Kanga Rani Selvaduray, Malaysian Palm Oil Board (MPOB)*
- 11.50 a.m. Tocotrienol Rich Fraction (TRF) increases cholesterol efflux in macrophages via upregulating PPAR- $\gamma$   
*Dr. Pramod Khosla, Wayne State University, USA*
- 12.20 p.m. Palm vitamin E: A potential therapy for peptic ulcer disease  
*Dr. Nur Azlina Mohd Fahami, Universiti Kebangsaan Malaysia*
- 12.40 p.m. Tocotrienols and their effects on microglia responses: implications for brain inflammatory conditions  
*Dr. Sharmili Vidyadaran, Universiti Putra Malaysia*

### 1.00 p.m. LUNCH

### SESSION 2 PALM PHENOLICS (2.00 p.m. - 3.40 p.m.)

- 2.00 p.m. Nutrition and the immune response: An overview  
*Prof. Dr. Shamala Devi, Universiti Malaya, Malaysia*
- 2.30 p.m. Oil palm phenolics: discovery, current knowledge and future challenges  
*Dr. Ravigadevi Sambanthamurthi, Consultant, Malaysia*

- 3.00 p.m. Oil Palm Phenolics (OPP) ameliorate neurodegenerative effects in a diet induced aged rat model of Alzheimer's disease  
*Dr. Smiti Gupta, Wayne State University, USA*
- 3.20 p.m. Emerging trends in the global nutraceuticals market - Novel opportunities for the palm oil industry  
*Dr. Mahinda Abeywardena, CSIRO, Australia*

### SESSION 3 PALM TOCOTRIENOLS AND ITS HEALTH BENEFITS (3.40 p.m. – 4.40 p.m.)

- 3.40 p.m. Tocotrienol promotes myogenic differentiation in the prevention of replicative senescence of myoblasts  
*Prof. Dr. Suzana Makpol, Universiti Kebangsaan Malaysia*
- 4.00 p.m. Efficacy of oral mixed tocotrienols in diabetic peripheral neuropathy - a multicenter, randomized controlled trial  
*Dr. Hor Chee Peng, Seberang Jaya Hospital, Malaysia*
- 4.20 p.m. Dissecting the mechanism responsible for the anti-cancer stem cell properties of gamma-tocotrienol  
*Dr. Patrick Ling, Queensland University of Technology, Australia*

**4.40 p.m. End of Day 1**

## Day 2 Tuesday, 1st August 2017

- 7.45 a.m. onward Registration and welcome coffee

### SESSION 4 DIETARY PALM OIL IN HEALTH AND NUTRITION (8.30 a.m. – 10.30 a.m.)

- 8.30 a.m. Nutrigenomics and dietary fats/fatty acids  
*Dr. Mansoor Mohammed, Canada*
- 9.00 a.m. The Malaysian lipid study - lifestyle, nutrition and cardiometabolic risk profile of urban Malaysian society  
*Dr. Tilakavati Karupiah, Universiti Kebangsaan Malaysia*
- 9.30 a.m. Metabolomic profile of healthy Malaysian population conditioned to palm oil consumption: Correlation with anthropometric and metabolic parameters  
*Dr. Smiti Gupta, Wayne State University, USA*
- 10.00 a.m. Choosing optimum dietary fat permutations for healthy lifestyles  
*Dr. Felicia Stoler, Rutgers University, USA*

**10.30 a.m. Morning Coffee Break**

**SESSION 5**      **CURRENT CHALLENGES AND EMERGING ISSUES IN PALM OIL NUTRITION**  
(11.00 a.m. – 1.00 p.m.)

- 11.00 a.m.      Regulatory challenges and hurdles for bioactive compounds  
*Dr. Peter Pressman, Polyscience Consulting, USA*
- 11.30 a.m.      The challenges in getting T3 recognized as a vitamin E – legislation and market perspective  
*Mr. W.H. Leong, ExcelVite, Australia*
- 12.00 p.m.      Consumer perception and pick up: where we are at and where we *should* be  
*Mr. Bryce Wylde, USA*
- 12.30 p.m.      Systematic review on palm oil and its implication on diet related NCDs  
*Mr. Terence Tan Yew Chin, Institute for Medical Research, Malaysia*

**1.00 p.m.**      **LUNCH**

**SESSION 6**      **3-MCPD/GE: CHALLENGES AND OUTLOOK**  
(2.00 p.m. – 3.30 p.m.)

- 2.00 p.m.      MCPD - public health implications  
*Dr. Roger Clemens, University of Southern California, USA*
- 2.30 p.m.      3-MCPD and GE: Status updates and the strategic road map  
*Ms. Rosidah Radzian, Malaysian Palm Oil Board (MPOB)*
- 3.00 p.m.      Improving the quality and reputation of palm oil through research  
*Dr. Joerg J. Jacoby, Wilmar Biotechnology R&D Center, China*

**SESSION 7**      **OPEN FORUM/DEBATE ON PALM OIL AND HEALTH**  
(3.30 p.m. – 5.00 p.m.)

**Chaired by: Dr. Kalyana Sundram, CEO, MPOC**

**5.00 p.m.**      **Programme Ends / Evening Coffee Break**