

**FOOD SAFETY AND
NUTRITION (FN)
SUB-COMMITTEE
PROGRAM**

CONFIDENTIAL

PAC 2026
13-16 APRIL 2026
MAIN PROGRAM

13 APRIL 2026 (MONDAY) – DAY 1			
Opening Ceremony of PAC 2026			
Time	Program	Venue	Attendees
8.30 am	Registration & Welcome Drink	Admin Concourse	• PAC Members • Board Members • DG/DDGs/Directors/ Program Leaders/ HOUs • Research Officers
9.00 am	Arrival of MPOB Chairman	Bactris Hall	
	National Anthem <i>Negaraku</i> Recitation of Prayer		
	Video Show: MPOB Corporate Video		
9.15 am	Opening Remarks by Chairman of MPOB		
9.30 am	Presentation on MPOB R&D Direction by Director General, MPOB		
10.00 am	Photography Session:	Admin Concourse	• PAC Members • Board Members • DG/DDGs/Directors/ Program Leaders/ HOUs
	1. All Focus Area		
	2. Each Focus Area		
10.15 am	Refreshment		

PROGRAM: FOOD SAFETY AND NUTRITION (FN) SUB-COMMITTEE

MONDAY 13 APRIL 2026	ACTIVITIES VENUE: LAURIC & PALMITIC ROOM MPOB, HEADQUARTERS
DISCUSSION SESSION FOR FOOD SAFETY AND NUTRITION FOCUS AREA (FNFA)	
1100 - 1115	Opening Remarks by Focus Area Leader
PRESENTATION SESSION ON NEW PROJECT PROPOSALS PROGRAM: FOOD SAFETY AND QUALITY (FN1)	
Time	Project Title / Project Leader
1115 - 1135	Improvement of Liquid Chromatography Method for Triacylglycerol (TAG) Profiling to Include Medium–Long Chain Triacylglycerols (MLCT) / Dr. Yeoh Chee Beng
1135 - 1155	Volatile Organic Compound (VOC) Fingerprinting for Detection of Used Cooking Oil (UCO) Adulteration Using Electronic Nose Technology / Dr. Tan Pei Yee
PRESENTATION SESSION ON NEW PROJECT PROPOSALS PROGRAM: NUTRITION (FN2)	
Time	Project Title / Project Leader
1155 - 1215	A Clinical Study on Palm Tocotrienol-Adjuvanted Dendritic Cell-Based Immunotherapy and Its Immunomodulatory Effects in Breast Effects in Breast Cancer Patients / Ts. Dr. Sitti Rahma Abdul Hafid
1215 - 1235	Comparative Effects of Tocotrienols and Alpha-Tocopherol on Esports Players Performance, Cognition and Oxidative Stress: A Single-Blind Randomized Placebo-Controlled Trial (TACTIC) / Dr. Syed Fairus Syed Abu Bakar
PRESENTATION SESSION ON NEW PROJECT PROPOSALS PROGRAM: FOOD AND FEED (FN3)	
Time	Project Title / Project Leader
1235 - 1255	Selective Biodegradation of Oil Palm Empty Fruit Bunch Using Solid State Fermentation to Enhance Its Nutritional Value for Ruminant Feeding / Nur Atikah Ibrahim
1255 - 1430	Lunch at Dewan Sawit, Bangunan PMS
1430 - 1450	Development of a Palm-Based Reduced-Calories Lamination Fat / Dr. Tang Teck Kim

1450 - 1510	Development of a Palm-Based Vegan Egg Yolk Replacer Powder / Dr. Saw Mei Huey
PRESENTATION SESSION ON ON-GOING PROJECTS PROGRAM: FOOD SAFETY AND QUALITY (FN1)	
1510 - 1530	FN1-12/2023: Profiling of Palm Oil with Special Reference to Carotenoids in Combination with Chemometrics Approach for Adulteration Screening / Farah Khuwailah Ahmad Bustamam
1530 - 1545	Refreshment
1545 - 1605	FN1-13/2024: Development of ISO Standard in Harmonising an Analytical Method for Total Chloride Content in Edible Oils and Fats under ISO/TC 34/ SC 11 - Animal and Vegetable Fats and Oils / Dr. Yeoh Chee Beng
1605 - 1625	FN1-14/2024: Development of Biosensor for 3-MCPDE and GE Detection in Edible Oil Matrices / Dr. Raznim Arni Abd Razak
1625 - 1645	FN1-15/2024: A Feasibility Study on the Processing of Unripe Fresh Fruit Bunches (FFB) / Muhamad Roddy Ramli
1645 - 1705	FN1-16/2025: Evaluation of Mineral Oil Saturated Hydrocarbons (MOSH) and Mineral Oil Aromatic Hydrocarbons (MOAH) Prevalence in Palm Oil Refining Process / Dr. Maznah Zainol
1705	End Session

TUESDAY 14 APRIL 2026	ACTIVITIES VENUE: LAURIC & PALMITIC ROOM MPOB, HEADQUARTERS
PRESENTATION SESSION ON ON-GOING PROJECTS PROGRAM: FOOD SAFETY AND QUALITY (FN1)	
0900 - 0920	FN1-17/2025: Identification and Validation of Chemical Markers for Palm Cooking Oil Authentication Using Mass Spectrometry and Chemometrics/ Najwa Sulaiman
PRESENTATION SESSION ON ON-GOING PROJECTS PROGRAM: NUTRITION (FN2)	
0920 - 0940	FN2-1/2021 - An Epidemiological Study on Palm Oil Consumption and Health in Malaysia / Dr. Voon Phooi Tee
0940 - 1000	FN2-9/2023 - Valorisation of Carotenoids and Vitamin D in Red Palm Oil and Identification in Human Plasma /Dr. Radhika Loganathan
1000 - 1020	FN2-11/2024 - Nano-Phytonutrients: Application of Nano-Tocotrienols for Prevention and Management of Chronic Diseases (Phase 2) / Dr Fu Ju Yen

1020 - 1040	FN2-12/2024 - Evaluating the Potential of Daily Supplementation of Vitamin E from Palm Oil to Improve Male Reproductive Health / Dr. Nabihah Iran
1040 - 1100	FN2-13/2024 - The Effects of Palm Olein and Palm Kernel Oil Diets on Gut Hormones and Appetite in Healthy Adults / Ng Yen Teng
1100 - 1115	Refreshment
1115 - 1135	FN2-14/2024: The Effects of Daily Tocotrienol-Rich Fraction (TRF) Supplementation on the Immune System and Incidence of Common Infections: A Population-Based Randomized Control Trial / Ts. Dr. Sitti Rahma Abdul Hafid
1135 - 1155	FN2-16/2025 - Exploring the Potential Prebiotic Properties of Palm Oil Fractions, Palm Kernel Oil and Commercially Available Vegetable Oils / Dr. Yap Sia Yen
PRESENTATION SESSION ON ON-GOING PROJECTS PROGRAM: FOOD & FEED (FN3)	
1155 - 1215	VA2-11/2024 - Effect of Replacing Fish Oil with Oil Palm Fats in Tilapia Diet on Growth Performance and Composition of Muscle Tissues / 'Abidah Md Noh
1215 - 1235	VA2-12/2024 - Development of a Palm-Based Emulsion Gel as an Adipose Tissue Analogue / Dr. Tang Teck Kim
1235 - 1255	VA2-13/2025 - Performance of Dairy Cows Fed Oil Palm-Based Concentrates: A commercial Scale Perspective / Dr. Saminathan Mookiah
1255 - 1430	Lunch at Dewan Sawit, Bangunan PMS
1430 - 1450	VA2-14/2025 - Reduction of Heavy Metals in Water-Soluble Palm Fruit Extract (WSPFE) / Dr. Leow Soon Sen
1450 - 1510	VA2-15/2025 - Development of Red Palm Oil (RPO)-Based Functional Meal Replacement Powder / Dr. Hazrati Wazir
1510 - 1530	VA2-16/2025 - Development of Palm-Based Vegan Block Cheddar Cheese / Nur Haqim Ismail
1530 - 1545	Refreshment
1545 - 1700	Individual Interaction / Report Preparation
1700	End Session

WEDNESDAY 15 APRIL 2026	ACTIVITIES VENUE: LAURIC & PALMITIC ROOM MPOB, HEADQUARTERS
0900 - 1100	Individual Interaction / Report Preparation
1100 -1115	Refreshment
1115 - 1300	Report Preparation PAC Recommendation (Grade A, B, C) *
1300 - 1430	Lunch at Dewan Sawit, Bangunan PMS
1430 - 1530	Continue with Preparation of PAC 2026 Report / Individual Interaction with PAC Members
1530 - 1545	Refreshment
1545 - 1630	Individual Interaction / Report Preparation
1630 - 1800	JOPR Editorial Board Meeting Venue: Boardroom
1800	End Session

*** Note:**

Grade A: Approved without correction or with minor correction.

Grade B: May continue with major correction: The corrected proposal can be presented at next PAC meeting or send to PAC members by circulation.

Grade C: Not accepted.

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16 APRIL 2026 (THURSDAY) – DAY 4

**Plenary Session & Finalization Presentation by Chairperson for Each Sub-Committee
(Chaired by Chairman, MPOB)**

Time	Program	Venue	Attendees
9.00 am	Yield Performance (YP) Presentation and Q&A	Bactris Hall	• PAC Members • Board Members • DG/DDGs/Directors/ Program Leaders/ HOUs/GLs • Research Officers
	Climate Change Mitigation & Adaptation (SD) Presentation and Q&A		
10.30 am	Refreshment	Admin Concourse	
10.45 am	Milling, Processing & Mechanisation (MA) Presentation and Q&A	Bactris Hall	
	Food Safety & Nutrition (FN) Presentation and Q&A		
	Value Addition (VA) Presentation and Q&A		
	Techno Socio Economics (TSE) Presentation and Q&A		
12.30 pm	Lunch	Dewan Sawit	All above attendees

Mini PAC Seminar

2.00 pm	Registration	Admin Concourse	• PAC Members • Board Members • DG/DDGs/Directors/ Program Leaders/ HOUs/GLs • Research Officers
2.30 pm	Mini PAC Seminar Seminar 1: VA Title: Unlocking Value Addition in Palm Oil: Advancing the Downstream Sector Speaker: Prof. Mohamed Kheireddine Aroua, King Fahd University of Petroleum & Minerals	Bactris Hall	

	Seminar 2: TSE Title: Waste to Wealth: Opportunities in Green Energy and Circular Economy Speaker: En. Izham Mustaffa, FGV Holdings		
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