



1st Southeast Asia Public Health Nutrition Conference

In conjunction with Nutrition Society of Malaysia
32nd Annual Scientific Conference

“Together In Advancing Public Health Nutrition”

May 14 (Sun) – 17 (Wed), 2017 • Hotel Istana, Kuala Lumpur, Malaysia



<https://seaphnconference2017.org/>

Organised by:

Co-organised by:

Under the auspices of:

Supported by:



SEE WHAT YOU'RE MADE OF



MEDICAL GRADE
BODY COMPOSITION ANALYZER

InBody

[InBody770]

| | | | | |
|----------|---------|-----|--------|---------------------|
| ID | Height | Age | Gender | Test Date / Time |
| Jane Doe | 156.9cm | 51 | Female | 2015.05.04. 09 : 46 |

InBody

TEL: 02-501-3939 FAX: 02-501-3978

Body Composition Analysis

| | Values | Total Body Water | Soft Lean Mass | Fat Free Mass | Weight |
|---------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|
| Total Body Water(L) | 27.5 (26.4 ~ 32.2) | 27.5 | 35.1 (33.8 ~ 41.4) | 37.3 (35.8 ~ 43.8) | 59.1 (43.9 ~ 59.5) |
| Protein (kg) | 7.3 (7.0 ~ 8.6) | | | | |
| Minerals (kg) | 2.54 (2.44 ~ 2.98) | | | | |
| Body Fat Mass (kg) | 21.8 (10.3 ~ 16.6) | | | | |

Muscle-Fat Analysis

| | Under | Normal | Over |
|--------------------|--------------------------|-----------------|------|
| Weight (kg) | 55 70 85 100 115 130 145 | 160 175 190 205 | |
| SMM (kg) | 70 80 90 100 110 120 130 | | 170 |
| Body Fat Mass (kg) | 40 60 80 100 160 220 280 | | 320 |

Obesity Analysis

| | Under | Normal | Over |
|--------------------------|------------------------------------|--------|------|
| BMI (kg/m ²) | 10.0 15.0 16.5 21.0 25.0 30.0 35.0 | | |
| PBF (%) | 8.0 13.0 18.0 23.0 28.0 33.0 38.0 | | |

Segmental Lean Analysis

| | Under | Normal | Over |
|----------------|------------------------------|--------|------|
| Right Arm (kg) | 40 60 80 100 120 140 160 | 2.01 | |
| Left Arm (kg) | 40 60 80 100 120 140 180 | 1.02 | |
| Trunk (kg) | 70 80 90 100 110 120 130 140 | | |
| Right Leg (kg) | 70 80 90 100 110 120 130 140 | 5.22 | |
| Left Leg (kg) | 70 80 90 100 110 120 130 140 | 5.13 | |

ECW Ratio Analysis

| | Under | Normal | Over |
|-----------|-------------------------|-------------------|------|
| ECW Ratio | 0.320 0.340 0.360 0.380 | 0.410 0.420 0.430 | |

Body Composition History

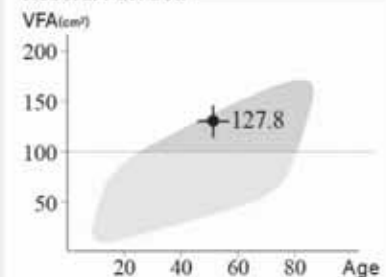
| | 11.10.10 | 11.10.30 | 11.10.31 |
|-------------|----------|----------|----------|
| Weight (kg) | 65.3 | 63.9 | 62.3 |
| SMM (kg) | 20.1 | 20.0 | 19.8 |
| PBF (%) | 41.3 | 40.7 | 39.4 |
| ECW Ratio | 0.399 | 0.398 | 0.397 |

InBody Score

68/100 Points

• Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

Visceral Fat Area



Weight Control

| | |
|----------------|----------|
| Target Weight | 51.7 kg |
| Weight Control | - 7.4 kg |
| Fat Control | - 9.9 kg |
| Muscle Control | + 2.5 kg |

Segmental Fat Analysis

| | | |
|-----------|------------|--------|
| Right Arm | (1.5kg) | 178.0% |
| Left Arm | (1.6kg) | 183.0% |
| Trunk | (11.6kg) | 239.0% |
| Right Leg | (2.9kg) | 132.1% |
| Left Leg | (2.9kg) | 132.1% |

Research Parameters

| | |
|----------------------|---------------------|
| Intracellular Water | 16.6 L (16.3~19.9) |
| Extracellular Water | 10.9 L (10.0~12.2) |
| Basal Metabolic Rate | 1176 kcal |
| Waist-Hip Ratio | 0.97 (0.75~0.85) |
| Body Cell Mass | 23.8 kg (23.4~28.6) |

Results Interpretation QR Code

Scan the QR Code to see results interpretation in more detail.



Whole Body Phase Angle

$\phi(r)$ 50 kHz | 4.3°

Impedance

| Z(Ω) | RA | LA | TR | RL | LL |
|----------|-------|-------|------|-------|-------|
| 1 kHz | 379.6 | 392.7 | 26.8 | 306.8 | 316.1 |
| 5 kHz | 373.1 | 385.4 | 25.7 | 303.0 | 314.1 |
| 50 kHz | 337.2 | 352.5 | 23.0 | 282.3 | 289.8 |
| 250 kHz | 307.9 | 322.9 | 20.4 | 263.3 | 272.7 |
| 500 kHz | 297.4 | 311.5 | 19.1 | 258.1 | 267.8 |
| 1000 kHz | 286.4 | 297.4 | 17.0 | 254.5 | 264.0 |

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If you are not assessing,
you are simply guessing!



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Conference Organising Committee & Conference Advisors

Conference Chairman : E Siong Tee
Nutrition Society of Malaysia

Conference Advisors : Hardinsyah Ridwan
Food and Nutrition Society of Indonesia

Mohd Ismail Noor
Nutrition Society of Malaysia

Rodolfo F. Florentino
Nutrition Foundation of the Philippines, Inc

Umaporn Suthutvoravut
Nutrition Association of Thailand

Le Thi Hop
Vietnam Nutrition Association

Committee Members

Azli Baharudin
Institute for Public Health Malaysia

Gan Wan Ying
Universiti Putra Malaysia

Hanis Mastura Yahya
Universiti Kebangsaan Malaysia

Khor Geok Lin
Universiti Putra Malaysia

Mahenderan Appukutty
Universiti Teknologi MARA

Mohd Nasir Mohd Taib
Universiti Putra Malaysia

Moy Foong Ming
Universiti Malaya

Norimah A. Karim
Universiti Kebangsaan Malaysia

Rokiah Don
International Medical University

Roseline Yap Wai Kuan
Taylor's University Malaysia

Rozita Abdul Rahman
Ministry of Health Malaysia

Tan Sue Yee
International Medical University

Viola Michael
Ministry of Health Malaysia

Wong Jyh Eiin
Universiti Kebangsaan Malaysia

Zalma Abdul Razak
Ministry of Health Malaysia

Zaitun Yassin
Nutrition Society of Malaysia



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Welcome Message From Conference Chairman



E Siong Tee, PhD

Chairman

Organising Committee
1st Southeast Asia Public
Health Nutrition Conference

President

Nutrition Society of Malaysia

We take this opportunity to welcome you to the 1st Southeast Asia Public Health Nutrition (SEA-PHN) Conference, scheduled on 14 – 17 May of 2017 at Kuala Lumpur, Malaysia. The Conference, with the theme '**Together in Advancing Public Health Nutrition**' aims to bring together diverse stakeholders to share and discuss the latest scientific knowledge, experiences, effective intervention policies, strategies, research programmes and regulatory updates to promote and sustain public health nutrition in the SEA region.

Several Southeast Asia countries are experiencing a rapid nutrition transition, where an increasing number of the countries in the region are facing a double burden of malnutrition, with persisting issues of undernutrition especially among children, and at the same time heading into an epidemic of obesity, diabetes and other non-communicable diseases related to over-nutrition. In cognisance of the similarities in the threat of double burden of malnutrition problems in the SEA region, the promotion of productive exchange of information, ideas and dialogue among multiple stakeholders in coordinating efforts, implementing nutrition research and intervention programmes in the region is desired. The holding of the 1st SEA-PHN Conference provides a platform for interaction and development of potential cross sectors collaborations; strengthen current partnerships in combating public health nutrition issues of the Southeast Asia region.

The scientific program of the Conference comprises plenary lectures, symposia, free paper presentations as well as poster session on the current problems of public health nutrition. Young researchers are invited to vie for prizes in the oral and poster competitions. A special feature shall be three roundtable discussions that will focus on nutrition promotion programmes at school, maternal nutrition and childhood obesity. This Conference is expected to gather public health nutrition professionals, researchers, policymakers from government ministries and health agencies, various stakeholders from the food, health and fitness industry from around the Southeast Asian.

We warmly welcome you to the first ever Public Health Nutrition Conference of the region! Together we can contribute towards advancing public health nutrition for the alleviation of the prevailing malnutrition problems.

Wishing you a fruitful Conference!

7 May 2017

Invited Speakers



Imelda
Angeles-
Agdeppa
Philippines



Pei Gee
Chew
Australia



Andrew Hills
Australia



Benny
Kodyat
Indonesia



Corazon
Barba
Philippines



YiFang Chu
*United States of
America*



Le Thi Hop
Vietnam



Koo Pei Fern
Singapore



Hercules
Callanta
Philippines



Jodie Dodd
Australia



Tomoji
Igarashi
Japan



Lokman
Hakim bin
Sulaiman
Malaysia



Mario
Capanzana
Philippines



Umi Fahmida
Indonesia



Hideki
Ishikawa
Japan



Le Bach Mai
Vietnam



Pauline Chan
Singapore



Rodolfo F.
Florentino
Philippines



Doddy
Izwardy
Indonesia



Motohiko
Miyachi
Japan



Mary Chea
Cambodia



Hamid Jan
Jan Mohamed
Malaysia



Kunchit
Judprasong
Thailand



Teruo
Miyazawa
Japan



Chelsea
Chang
Singapore



Hardinsyah
Ridwan
Indonesia



Yoshio
Kawahara
Japan



Mohd Ismail
Noor
Malaysia



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Invited Speakers



Muhammad
Faid Abd
Rashid
Malaysia



Robert
Rastall
United Kingdom



May Khin
Than
Myanmar



Florentinus
G. Winarno
Indonesia



Cindy
Nakatsu
*United States of
America*



Malcolm
Riley
Australia



Kraisd
Tontisirin
Thailand



Pattanee
Winichagoon
Thailand



Nik Rubiah
Nik Abd
Rashid
Malaysia



Charintip
Somprasit
Thailand



Napaphan
Viriyautsahakul
Thailand



Yueching
Wong
Taiwan



Anadi
Nitithamyong
Thailand



Kunlaporn
Sukumaltakun
Thailand



Chin-Kun
Wang
Taiwan



Zakaria bin
Kamis
Brunei



Noor Asmah
Ahmad Shah
Malaysia



Tahir Aris
Malaysia



Huijun Wang
China



Zalma Abdul
Razak
Malaysia



Huynh Nam
Phuong
Vietnam



Tahmeed
Ahmed
Bangladesh



Wang
Hongwei
China



Cut Novianti
Rachmi
Indonesia

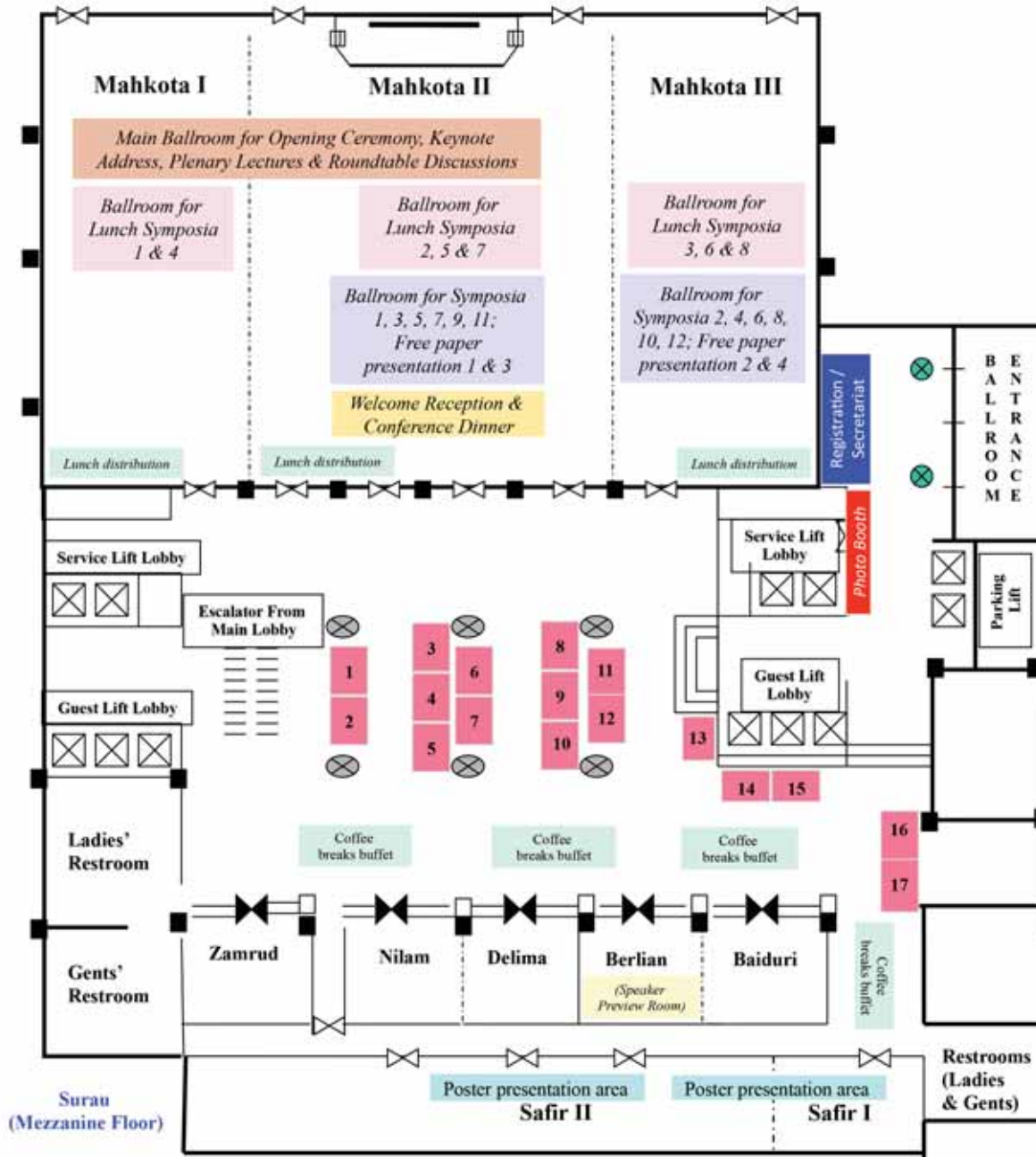


Celeste
Tanchoco
Philippines



Nicholas
West
Australia

Venue Layout Plan



LEGEND FOR SPONSORS AND EXHIBITORS

| Booth No. | Company Name |
|-----------|-----------------------------|
| 1 – 2 | Yakult (M) Sdn Bhd |
| 3, 4, 5 | DuPont Nutrition & Health |
| 6 | Ajinomoto (Malaysia) Berhad |
| 7 | Quaker Asia-Pacific |
| 8, 9, 10 | Herbalife Nutrition |

| Booth No. | Company Name |
|-----------|---|
| 11 | InBody Asia Sdn Bhd |
| 12 | Mondelez International |
| 13 | Nutrition Division, Ministry of Health Malaysia |
| 14 | Southeast Asia Public Health Nutrition (SEA-PHN) Network |

| Booth No. | Company Name |
|-----------|---|
| 15 | Nutrition Society of Malaysia & ILSI SEA Region |
| 16 | Nestle Products Sdn Bhd |
| 17 | seca Asia Pacific Sdn Bhd |



Information for Invited Speakers / Chairpersons

FOR SPEAKERS

Speaker Preview Room

Speaker Preview Room is located at **Function Room Berlian on Ballroom Level, Hotel Istana, Kuala Lumpur** and the opening hours are as follows:

15 May 2017: 8.00am – 6.00pm • 16 May 2017: 8.00am – 6.00pm • 17 May 2017: 8.00am – 5.00pm

You may submit or download your presentation materials at the speaker preview room during the opening hours.

Important Guideline for Speakers

- 1) Please report to the Speaker Preview Room at least **ONE** day prior to your presentation day to submit your final presentation materials. For Day 1 speakers, please submit presentation materials at 8am on 15 May 2017.
- 2) Please re-confirm your presentation timing and location with the Secretariat staff on duty.
- 3) Audio-visual testing facilities are available at the Speaker Preview Room. The staff on duty will assist you in testing and installing your presentation materials.
- 4) Please be present at your session room at least **15 minutes** prior to the start of the session.

FOR CHAIRPERSONS

Please be present at your session room at least **10 minutes** prior to the start of the session as explained in a separate set of advisory note provided for all chairpersons.

Information for Free Paper / Poster Presentations

FREE PAPER PRESENTATIONS

- Please report to the Speaker Preview Room at least **ONE** day prior to your presentation day to submit your final presentation materials.
- Please re-confirm your presentation timing and location with the staff on duty.
- Audio-visual testing facilities are available at the Speaker Preview room. The staff on duty will assist you in testing and installing your presentation materials.
- Please be present at your session room at least **10 minutes** prior to start of the session.
- Please remember that the time allotted for oral sessions is **8 minutes** for presentation and **2 minutes** for questions and answers.

POSTER PRESENTATIONS

Mounting: 15 May 2017: 7.00am – 8.30am

Dismantling: 17 May 2017: 4.00pm – 5.00pm

- Poster presentations area is located at Function Rooms **Safir I & II on Ballroom Level, Hotel Istana, Kuala Lumpur**
- Posters must be set up and dismantled according to the time given above.
- The Organising Committee bears no responsibility for any lost or damaged posters if the posters are not dismantled after the given time.
- Please ensure that no damage is done to the poster panel boards.

Conference Information

REGISTRATION COUNTER

Registration Counter is located at the **Ballroom Level, Hotel Istana Kuala Lumpur**. Opening hours of the Registration Counter

- 14 May 2017: 5.00pm – 7.00pm
- 15 May 2017: 7.30am – 6.00pm
- 16 May 2017: 8.00am – 6.00pm
- 17 May 2017: 8.00am – 5.00pm

SCIENTIFIC SESSIONS

All scientific sessions shall be held in **Mahkota I, Mahkota II and Mahkota III Ballroom, Ballroom Level, Hotel Istana, Kuala Lumpur**.

POSTER PRESENTATIONS

Poster Presentations shall be held at Function Rooms **Safir I and Safir II on Ballroom Level, Hotel Istana, Kuala Lumpur** and the opening hours are as follows:

- 15 May 2017: 8.00am – 6.00pm
- 16 May 2017: 8.00am – 6.00pm
- 17 May 2017: 8.00am – 5.00pm

TRADE EXHIBITION

Trade Exhibition is located at **Foyer, Ballroom Level, Hotel Istana, Kuala Lumpur**. Opening hours for booths:

- 15 May 2017: 8.30am – 6.00pm
- 16 May 2017: 8.30am – 6.00pm
- 17 May 2017: 8.30am – 5.00pm

OFFICIAL LANGUAGE

The official language of the Conference is **English**.

CERTIFICATE OF ATTENDANCE

E-Certificate of Attendance will be given to all registered delegates upon request within 10 days after the Conference via website. Special certificates will be given to those participated in the Young Researchers' Award Symposium, Free Paper Presentations and Poster Presentations. To request for the E-certificates, kindly write your full name and email address at the Registration Counter.

NAME BADGES

Registered delegates are to wear their name badges at all times during the Conference for identification and security purposes. Admission to all Conference sessions and official functions is based on name badges.



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Conference Information

LUNCH

Lunch box will be served during the Lunch Symposia **ONLY** inside the respective ballrooms. Refer to the lunch voucher for the location of your lunch venue. Please present your lunch voucher to the staff on duty to enter the ballroom of your pre-booked lunch symposium.

COFFEE BREAK

Morning and afternoon refreshments shall be served around the trade exhibition area at the **Foyer, Ballroom Level, Hotel Istana, Kuala Lumpur**.

CELLULAR PHONE

As a courtesy to all delegates and speakers, cellular phones, pagers and others electronic devices must be operated in silent/vibrated mode throughout the Conference sessions. No telephone conversations are permitted in the session rooms.

WI-FI

Free WI-FI is available throughout the hotel. No password is required

PARKING

Parking in the hotel is charged at RM17 flat rate. Please have your parking ticket validated at the foyer area (please look for Hotel staff for assistance).

BREASTFEEDING ROOM

Function room **Zamrud on Ballroom Level, Hotel Istana, Kuala Lumpur** has been reserved as special area for Breast Feeding/Expressing Milk area. (Please approach the Conference Secretariat to obtain the access key to the room and further assistance)

MUSLIM PRAYERS ROOM

Surau is located on the **Mezzanine Floor of Hotel Istana Kuala Lumpur**.

LIABILITY

The Organising Committee will not assume any responsibility for accidents, losses or damages, as well as delays or modifications of the Conference programme.

Programme at a Glance

| Time | Sun, 14th May | Mon, 15th May | Tue, 16th May | Wed, 17th May |
|-----------|-------------------|---|---|---|
| 0730-0830 | | REGISTRATION/ POSTER VIEWING | REGISTRATION/ POSTER VIEWING | REGISTRATION/ POSTER VIEWING |
| 0830-0900 | | | Plenary Lecture 3 | |
| 0900-0930 | | OPENING CEREMONY | <i>Symposium 5</i> School-Age Children & Adolescent | Plenary Lecture 4 |
| 0930-1000 | | | <i>Symposium 6</i> New Methodologies in Dietary Assessment & Food Composition Database | Plenary Lecture 5 |
| 1000-1030 | | Coffee Break/Poster Viewing/ Trade Exhibition | | Coffee Break/Poster Viewing / Trade Exhibition |
| 1030-1100 | | Keynote Address | Coffee Break/Poster Viewing/Trade Exhibition | <i>Symposium 11</i> Physical Activity in Promoting Optimal Health |
| 1100-1130 | | Plenary Lecture 1 | <i>Symposium 7</i> Obesity & Other Diet-related NCDs | <i>Symposium 12</i> Functional Ingredients & Foods in Health Promotion |
| 1130-1200 | | <i>Symposium 1</i> Maternal Nutrition | <i>Symposium 8</i> Micronutrient Deficiencies | |
| 1200-1230 | | <i>Symposium 2</i> Public Health Nutrition Policy | | Free Paper Presentation 3 |
| 1230-1300 | | | Lunch Symposium 4 | Free Paper Presentation 4 |
| 1300-1330 | | Lunch Symposium 1 | Lunch Symposium 5 | Lunch Symposium 7 |
| 1330-1400 | | Lunch Symposium 2 | Lunch Symposium 6 | Lunch Symposium 8 |
| 1400-1430 | | Lunch Symposium 3 | Poster Viewing/ Trade Exhibition | |
| 1430-1500 | | Poster Viewing/ Trade Exhibition | <i>Symposium 9</i> Food-Based Dietary Guidelines in SEA | Poster Viewing/ Trade Exhibition |
| 1500-1530 | | Plenary Lecture 2 | <i>Symposium 10</i> Young Researchers' Awards | <i>Round Table Discussion 3</i> Combating Childhood Obesity |
| 1530-1600 | | <i>Symposium 3</i> Infant & Young Child Nutrition | <i>Round Table Discussion 2</i> Promoting Healthy Nutrition in Schools | PRIZE PRESENTATION & CLOSING CEREMONY |
| 1600-1630 | | <i>Symposium 4</i> National Plan of Action for Nutrition (NPAN) in SEA | | |
| 1630-1700 | | <i>Round Table Discussion 1</i> Promotion of Maternal Nutrition | Free Paper Presentation 1 | Coffee Break/Poster Viewing |
| 1700-1730 | REGISTRATION | | Free Paper Presentation 2 | END |
| 1730-1800 | | Coffee Break/Poster Viewing | Coffee Break/Poster Viewing | |
| 1800-1930 | WELCOME RECEPTION | End of Day 1 | End of Day 2/ Break | |
| 1930-2000 | | | | |
| 2000-2200 | | | CONFERENCE DINNER | |

| | | | |
|--|---|--|---|
| Mahkota I Ballroom | Mahkota II Ballroom | Mahkota III Ballroom | Mahkota I & II Ballroom |
|--|---|--|---|

Other related meetings for invited members

1. Malaysian Journal of Nutrition Editorial Board Meeting, 4pm – 6pm, 14 May 2017 (Function Rooms Nilam & Delima);
2. 2nd NSM-Roundtable Discussion on Matters Related to CCNFSDU, 5.30pm – 9.30pm, 15 May 2017 (Function Rooms Nilam & Delima);
3. 5th Annual Meeting of the SEA-PHN Network, 9 am – 5 pm, 18 May 2017 (Mahkota Stateroom 2222, Level 22).



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Official Opening Programme

(Day 1, 15th May 2017)

| Time | Programme |
|----------|---|
| 9.00 am | Arrival of Guest-of-Honour Yang Berhormat Datuk Seri Dr S. Subramaniam Minister of Health Malaysia |
| 9.05 am | Cultural Performance Drums Symphony |
| 9.25 am | Welcome Remarks By Dr Tee E Siong Chairman of Organising Committee of the 1st Southeast Asia Public Health Nutrition Conference & President of Nutrition Society of Malaysia |
| 9.35 am | Official Speech & Opening of the 1st SEA-PHN Conference By Yang Berhormat Datuk Seri Dr S. Subramaniam Minister of Health Malaysia |
| 9.50 am | Conference Opening Gambit Launch of the Recommended Nutrient Intake (RNI) Malaysia 2017 Momento Presentation to Guest-of-Honour |
| 10.00 am | End of Opening Ceremony Tour of Trade Exhibition/Scientific Posters by Guest-of-Honour and Invited Guests |

Scientific Programme

(Day 1, 15th May 2017)

| Time | Mon, 15th May | | |
|-----------|--|--|---|
| 0730-0830 | REGISTRATION/ POSTER VIEWING | | |
| 0830-0900 | REGISTRATION/ POSTER VIEWING | | |
| 0900-0930 | OPENING CEREMONY | | |
| 0930-1000 | OPENING CEREMONY | | |
| 1000-1030 | Coffee Break/Poster Viewing/Trade Exhibition | | |
| 1030-1100 | Keynote Address Regional partnership and collaboration: Together in advancing public health nutrition <i>Prof Dr Teruo Miyazawa,</i> <i>President, Federation of Asian Nutrition Societies (FANS)</i> Chairperson: Tee E Siong | | |
| 1100-1130 | Plenary Lecture 1 Scaling up nutrition and health movement in Indonesia – past to present <i>Prof Dr Florentinus G. Winarno,</i> <i>Task Force Coordinator of Indonesian Academy of Sciences</i> Chairperson: Hardinsyah Ridzwan | | |
| 1130-1200 | Symposium 1: Maternal Nutrition Jom Mama Project: Pre-pregnancy intervention to reduce the risk of diabetes and pre-diabetes <i>Muhammad Faid Abd Rashid</i> The challenges of obesity in pregnancy <i>Jodie Dodd</i> Maternal anaemia in relation to low birth weight <i>Charintip Somprasit</i> Chairperson: Umaporn Suthutvoravut | Symposium 2: Public Health Nutrition Policy Eradicating under-nutrition in Southeast Asia <i>Corazon Barba</i> Public health nutrition policies and strategies for the prevention and control of NCD in Brunei Darussalam: Implementation, challenges and opportunities <i>Zakaria Kamis</i> Burden of undernutrition and overweight/obesity – policy and programme <i>Tahmeed Ahmed</i> Chairperson: Zalma Abd Razak | |
| 1200-1230 | | | |
| 1230-1300 | | | |
| 1300-1330 | Lunch Symposium 1 <i>by Beneo</i> Improving metabolism and health: What role can prebiotic fibres and slow-release carbohydrates play? <i>Robert Rastall</i> | Lunch Symposium 2 <i>by DuPont</i> The impact of soy on gut microbiome and its benefits across the lifespan <i>Wang Hongwei</i> | Lunch Symposium 3 <i>by Tate & Lyle</i> Gut microbiome, prebiotics and health implications <i>Cindy Nakatsu</i> <i>Koo Pei Fern</i> |
| 1330-1400 | | | |
| 1400-1430 | Poster Viewing/ Trade Exhibition | | |
| 1430-1500 | Plenary Lecture 2 Nutrition scene in Malaysia – the past, present & future challenges <i>YBhg. Datuk Dr Lokman Hakim Bin Sulaiman,</i> <i>Deputy Director General of Health (Public Health), MOH Malaysia</i> Chairperson: Mohd Ismail Noor | | |
| 1500-1530 | Symposium 3: Infant & Young Child Nutrition Optimized complementary feeding recommendations in Southeast Asia <i>Umi Fahmida</i> Community feeding program in Orang Asli settlement, RPS Kemar Malaysia experience <i>Noor Asmah Ahmad Shah</i> Strategies to reduce stunting among young children <i>Doddy Izwardy</i> Chairperson: Jodie Dodd | Symposium 4: National Plan of Action (NPAN) in SEA Implementation of National Plan of Action for Nutrition in Southeast Asia <i>Doddy Izwardy; Zalma Abdul Razak; May Khin Than; Mario Capanzana; Napaphan Viriyautsahakul; Huynh Nam Phuong</i> Chairperson: Rokiah Don & Celeste Tanchoco | |
| 1530-1600 | | | |
| 1600-1630 | | | |
| 1630-1700 | Round Table Discussion 1: Promotion of Maternal Nutrition Chairperson: Khor Geok Lin Panelists: Rokiah Don, Corazon Barba & Kraissid Tontisirin | | |
| 1700-1730 | | | |
| 1730-1800 | Coffee Break/Poster Viewing | | |
| 1800-1930 | End of Day 1 | | |

| | | | |
|--|---|--|---|
| Mahkota I Ballroom | Mahkota II Ballroom | Mahkota III Ballroom | Mahkota I & II Ballroom |
|--|---|--|---|



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Scientific Programme (Day 2, 16th May 2017)

| Time | Tue, 16th May | | |
|-----------|---|---|---|
| 0730-0830 | REGISTRATION/ POSTER VIEWING | | |
| 0830-0900 | Plenary Lecture 3 The growth of nutrition activities in the Philippines: Lessons learned and challenges for the future <i>Dr Rodolfo Florentino</i> Chairman-President of Nutrition Foundation of the Philippines Chairperson: Corazon Barba | | |
| 0900-0930 | Symposium 5: School-Age Children & Adolescent School-based intervention programs in Southeast Asia in improving nutritional status: successes and challenges <i>Imelda Angeles-Agdeppa</i> Interventions to support teenage pregnancies: Ministry of Health's initiatives <i>Nik Rubiah Nik Abd Rashid</i> An overview on body image and disordered behaviors among school-age children and adolescents in Taiwan and other Asian countries <i>Yueching Wong</i> Chairperson: Mohd Nasir Mohd Taib | Symposium 6: New Methodologies in Dietary Assessment & Food Composition Update on food composition programmes in South-East Asia: ASEANFOODS <i>Kunchit Judprasong</i> Analytical aspects on functional components in Japanese official claims and food composition table <i>Tomoji Igarashi</i> What do technological developments mean for dietary surveys? <i>Malcolm Riley</i> Chairperson: Anadi Nitithamyong | |
| 0930-1000 | | | |
| 1000-1030 | | | |
| 1030-1100 | Coffee Break/Poster Viewing/Trade Exhibition | | |
| 1100-1130 | Symposium 7: Obesity & Other Diet-related NCDs Community obesity prevention programme: Learning from the My Body is Fit and Fabulous (MyBFF) programme <i>Tahir Aris</i> NCD prevention strategies and action plans in China <i>Huijun Wang</i> Stunting in early childhood and risk of overweight/obesity in adolescence: evidence from 7 and 14 years cohort in Indonesia <i>Cut Novianti Rachmi</i> Chairperson: Norimah A. Karim | Symposium 8: Micronutrient Deficiencies Micronutrient deficiencies among underfive children and reproductive-age women in Southeast Asia with focus on iron, zinc and vitamin D <i>Pattanee Winichagoon</i> Intervention programmes in alleviating micronutrient deficiencies in communities with low resources <i>Mary Chea</i> Rice fortification for an alternative micronutrient problem solution: Do the evidence support? <i>Hardinsyah Ridwan</i> Chairperson: Imelda Angeles-Agdeppa | |
| 1130-1200 | | | |
| 1200-1230 | | | |
| 1230-1300 | Lunch Symposium 4 <i>by Ajinomoto</i> Amino acids and healthy muscle <i>Yoshio Kawahara</i> | Lunch Symposium 5 <i>by Herbalife Nutrition</i> Fit vs Fat: The role of balanced nutrition in combating obesity in Southeast Asia <i>Chin-Kun Wang</i> | Lunch Symposium 6 <i>by Quaker Asia-Pacific</i> Oats & health: From farm to fork <i>YiFang Chu</i> |
| 1300-1330 | | | |
| 1330-1400 | Poster Viewing/Trade Exhibition | | |
| 1400-1430 | Symposium 9: Food-based Dietary Guidelines in SEA Update on development and implementation in Southeast Asia <i>Benny Kodyat; Mohd Ismail Noor; May Khin Than; Celeste Tanchoco; Chelsea Chang; Kunlaporn Sukumaltakun; Le Bach Mai</i> Chairperson: Kraisid Tontisirin & Rokiah Don | | Symposium 10: Young Researchers' Awards Chairperson: Umi Fahmida & Zaitun Yassin |
| 1430-1500 | | | |
| 1500-1530 | | | |
| 1530-1600 | Round Table Discussion 2 : Promoting Healthy Nutrition in Schools Chairperson: Tee E Siong | | |
| 1600-1630 | Panelists: Luh Ade Wiradyani, Norimah A. Karim, Imelda Angeles-Agdeppa & Napaphan Viriyatsahakul | | |
| 1630-1700 | Free Paper Presentation 1 Chairperson: Roseline Yap & Hanis Mastura Yahya | | Free Paper Presentation 2 Chairperson: Mageswary Lapchmanan & Wong Jyh Eiin |
| 1700-1730 | | | |
| 1730-1800 | Coffee Break/Poster Viewing | | |
| 1800-1930 | End of Day 2/ Break | | |
| 1930-2000 | | | |
| 2000-2200 | CONFERENCE DINNER | | |

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| Mahkota I Ballroom | Mahkota II Ballroom | Mahkota III Ballroom | Mahkota I & II Ballroom |
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Scientific Programme

(Day 3, 17th May 2017)

| Time | Wed, 17th May | |
|-----------|--|--|
| 0800-0830 | REGISTRATION/ POSTER VIEWING | |
| 0830-0900 | | |
| 0900-0930 | Plenary Lecture 4 Nutritional policies and strategic plan development in Thailand: Challenges and experience <i>Emeritus Prof Dr Kraisd Tontisirin</i> <i>Senior Advisor for the Institute of Nutrition, Mahidol University, Thailand</i> Chairperson: Rodolfo Florentino | |
| 0930-1000 | Plenary Lecture 5 Tackling the changing nutrition scene in Vietnam: Success and challenges <i>Prof Dr Le Thi Hop</i> <i>President of Vietnam Nutrition Association (VINUTAS)</i> Chairperson: Umaporn Suthutvoravut | |
| 1000-1030 | Coffee Break/Poster Viewing/Trade Exhibition | |
| 1030-1100 | Symposium 11: Physical Activity in Promoting Optimal Health + 10 min of physical activity per day <i>Motohiko Miyachi</i> Interventions to promote physical activity <i>Andrew Hills</i> Promoting physical activity among the elderly <i>Hercules Callanta</i> Chairperson: Mahenderan Appukutty | Symposium 12: Functional Ingredients & Foods in Health Promotion Role of prebiotics in promoting digestive health <i>Anadi Nitithamyong</i> Probiotics for upper respiratory illness in healthy active adults <i>Nicholas West</i> Regulatory status and scientific substantiation of health claims in SEA <i>Pauline Chan</i> Chairperson: Norrani Eksan |
| 1100-1130 | | |
| 1130-1200 | | |
| 1200-1230 | Free Paper Presentation 3 Chairperson: Rusidah Selamat & Roseline Yap | Free Paper Presentation 4 Chairperson: Tan Sue Yee & Gan Wan Ying |
| 1230-1300 | | |
| 1300-1330 | Lunch Symposium 7 <i>by Yakult</i> Probiotics and prevention of colorectal cancer Hideki Ishikawa | Lunch Symposium 8 <i>by Mondelez</i> Breakfast pattern of adults in Asia and its association with chronic disease development <i>Hamid Jan Jan Mohamed</i> Slowly digestible starch from cereal-based foods, metabolic interest at breakfast <i>Pei Gee Chew</i> |
| 1330-1400 | | |
| 1400-1430 | Poster Viewing/ Trade Exhibition | |
| 1430-1500 | Round Table Discussion 3 : Combating Childhood Obesity Chairperson: Mohd Ismail Noor Panelists: Muhammad Yazid Jalaludin, Andrew Hills & Chelsea Chang | |
| 1500-1530 | | |
| 1530-1600 | PRIZE PRESENTATION & CLOSING CEREMONY | |
| 1600-1630 | | |
| 1630-1700 | Coffee Break/Poster Viewing | |
| 1700-1730 | END | |
| 1730-1800 | | |
| 1800-1930 | | |
| 1930-2000 | | |
| 2000-2200 | | |

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| Mahkota I Ballroom | Mahkota II Ballroom | Mahkota III Ballroom | Mahkota I & II Ballroom |
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1st Southeast Asia Public Health Nutrition Conference

In conjunction with Nutrition Society of Malaysia
32nd Annual Scientific Conference

May 14 – 17, 2017 • Hotel Istana, Kuala Lumpur, Malaysia

Closing Ceremony Programme

(Day 3, 17th May 2017)

| Time | Programme |
|---------|--|
| 3.30 pm | Introduction By Master of Ceremony |
| 3.35 pm | Prize and Award Presentation Ceremony By Emeritus Prof Dr Mohd Ismail Noor Vice-President of Nutrition Society of Malaysia <ul style="list-style-type: none">• Presentation of Winners of the Young Researchers' Awards (Oral and Poster) Presentations• Presentation of NSM Fellows Award• Presentation of NSM Publication Prizes 2017• Presentation of NSM Undergraduate and Postgraduate Prizes 2017• Presentation of Prizes to Winners of the Undergraduate Poster Presenters |
| 4.10 pm | Closing Remarks and Summary of 1st SEA-PHN Conference 2017 By Dr Tee E Siong Chairman of the Organising Committee |
| 4.20 pm | End of Ceremony & Conference |

Roundtable Discussion (RTD) Sessions

General objectives of RTD

Provide a platform for workers in public health nutrition in Southeast Asia to discuss three key topics of common interest and concern in the region:

- 1) promoting maternal nutrition, 2) promoting healthy nutrition in schools 3) combating childhood obesity
- a) Further increase awareness and importance among policy makers, researchers and public health workers
- b) Review current status
- c) Discuss successes and challenges in implementing programmes
- d) Explore opportunities for collaboration

Discussion Topic 1: Promotion of Maternal Nutrition 4.30pm – 5.30pm, 15th May 2017

Chairperson : Emeritus Professor Dr Khor Geok Lin (Malaysia)
Panelists : Assoc Prof Rokiah Don (Malaysia)
Emeritus Prof Dr Corazon Barba (Philippines)
Prof Dr Kraisd Tontisirin (Thailand)

The importance of health and nutrition care across the life cycle is well recognised. The first 1,000 days of an infant's life (9 months in the mother's womb and first 2 years after birth) offer a timely opportunity for achieving optimal health and nutrition outcomes. These include reducing infant morbidity and mortality as well as attaining optimal growth and neurodevelopment. In this context, it is critically important to ensure appropriate preconception care, which is described as beginning in adolescence and provided before and between pregnancies.

The science of 'developmental origins of health and disease' (DOHaD) has gained much traction since it was initially promulgated more than two decades ago. Following on from this, there has been copious research linking lower birth weight with increased risk factors for later disease (high blood pressure, central obesity, insulin resistance, reduced glucose tolerance), and with increased cardiovascular and metabolic diseases. In Southeast Asia in general, the trends are escalating for prevalence of diabetes type II, obesity, hypertension, and cardiovascular diseases.

In this round table discussion, three eminent panel members from different countries will share their experiences and expertise in addressing the important subject of promoting maternal nutrition.

1. What is the status of your country's policy, programmes and interventions on preconception care towards improving health and nutrition of women of reproductive age and during pregnancy? Are there lessons to be shared with other countries?
2. What are your thoughts about possible collaborations among the SEA countries to address the subject of DoHaD in the context of the region's rising burden of non-communicable disease?

Discussion Topic 2: Promoting Healthy Nutrition in Schools 3.30pm – 4.30pm, 16th May 2017

Chairperson : Dr Tee E Siong (Malaysia)
Panelists : Dr Luh Ade Wiradyani (Indonesia)
Prof Dr Norimah A. Karim (Malaysia)
Dr Imelda Angeles-Agdeppa (Philippines)
Dr Napaphan Viriyautsahakul (Thailand)

The dual problem of malnutrition exists among school children in the SEA region. Growth retardation and micronutrient deficiencies remain as important nutritional problems while overweight and obesity have become more important



Roundtable Discussion (RTD) Sessions

threats to the health and wellbeing of the children. Various experts have recommended that measures to address these nutritional problems be systematically carried out, to ensure children are able to grow up optimally and achieve academic excellence. It is generally felt that schools are ideal for intervention programmes to be conducted to enable school children to be empowered with adequate knowledge on healthy eating and active living to prevent NCDs in later life.

This roundtable discussion session aims to discuss the status of nutrition intervention in schools, types of activities carried out and understand the challenges in implementing nutrition activities. The session will also explore the potential and opportunities for collaboration among SEA countries in these programmes.

To meet the objectives of the session, four panel members from different countries will share their experiences and expertise in the following topics:

1. Nutrition intervention promotion activities being systematically carried out or planned to be carried in primary schools eg systematic nutrition education, school lunch/meal projects, interactive nutrition activities
- 2a. Challenges in conducting nutrition activities in schools, eg response from ministry and school authorities, logistics, financial
- 2b. Potential for collaboration among nutritionists in SEA for joint school promotion activities

Discussion Topic 3: Combating Childhood Obesity 2.30pm – 3.30pm, 17th May 2017

Chairperson : Emeritus Prof Dr Mohd Ismail Noor (Malaysia)
Panelists : Prof Dr Andrew Hills (Australia)
Assoc Prof Dr Muhammad Yazid Jalaludin (Malaysia)
Ms Chelsea Chang (Singapore)

The prevalence of childhood obesity is increasing in all countries and the majority of overweight and obese children live in developing countries, where the rate of increase has been more than 30% higher than that of developed countries. Obesity is a complex, multifactorial problem, and the key drivers have been in the macro-environment which has become obesogenic. Thus interventions must be developed to reduce risk at multiple levels: individual/family, community and the broader food and physical activity environments. Intervention aimed at preventing childhood obesity would lead to a reduction in co-morbidities and to a reduction of the long-term burden of non-communicable diseases which are known to have serious social and economic consequences which most developing countries could ill-afford. Addressing childhood obesity thus has a compelling logic.

This roundtable discussion session aims to share experiences on the seriousness of Childhood obesity problem in their respective countries, efforts to curb the problem e.g. research/interventions/policy options (including issues and challenges), success stories from intervention programme (if any) and potential research collaboration in the SEA region.

To meet the objectives of the session, three panel members from different countries will share their experiences and expertise in the following topics:

1. The extent of the problem and the preventive strategies in-place or being planned in various countries.
2. Issues and challenges in implementation of the programmes and potential for collaboration in research and intervention strategies in Southeast Asia countries.

Lunch Symposia

15th May 2017, Monday • 1pm – 2pm

LUNCH SYMPOSIUM 1 (LS1) @ Mahkota I

Gold Sponsor



Improving metabolism and health: What role can prebiotic fibres and slow-release carbohydrates play?

Professor Robert Rastall

Chairperson: Ms Anke Sentko

LUNCH SYMPOSIUM 2 (LS2) @ Mahkota II

Diamond Sponsor



The impact of soy on gut microbiome and its benefits across the lifespan

Dr Wang Hongwei

Chairperson: Dr Tee E Siong

LUNCH SYMPOSIUM 3 (LS3) @ Venue: Mahkota III

Gold Sponsor

TATE & LYLE

Gut microbiome, prebiotics and health implications

Professor Cindy Nakatsu

Ms Koo Pei Fern

Chairperson: Dr Kavita Karnik

16th May 2017, Tuesday • 12.30pm – 1.30pm

LUNCH SYMPOSIUM 4 (LS4) @ Mahkota I

Gold Sponsor

Eat Well, Live Well.
AJINOMOTO

Amino acids and healthy muscle

Dr Yoshio Kawahara

Chairperson: Dr Mahenderan Appukutty



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Lunch Symposia

16th May 2017, Tuesday • 12.30pm – 1.30pm

LUNCH SYMPOSIUM 5 (LS5) @ Mahkota II

Diamond Sponsor



**Fit vs Fat: The role of balanced nutrition in combating obesity
in Southeast Asia**
Dr Chin-Kun Wang

Chairperson: Dr Alex Teo

LUNCH SYMPOSIUM 6 (LS6) @ Mahkota III

Gold Sponsor



Oats & health: from farm to fork
Dr YiFang Chu

Chairperson: Dr Tee E Siong

17th May 2017, Wednesday • 1pm – 2pm

LUNCH SYMPOSIUM 7 (LS7) @ Mahkota II

Platinum Sponsor



Probiotics and prevention of colorectal cancer
Dr Hideki Ishikawa

Chairperson: Dr Tee E Siong

LUNCH SYMPOSIUM 8 (LS8) @ Mahkota III

Gold Sponsor



**Breakfast pattern of adults in Asia and its association with
chronic disease development**

Assoc Prof Dr Hamid Jan Jan Mohamed

**Slowly digestible starch from cereal-based foods, metabolic
interest at breakfast**

Ms Pei Gee Chew

Chairperson: Professor Dr Norimah A. Karim

Young Researchers' Awards (Oral)

Session : Symposium 10
Date : 16 May 2017, Tuesday
Time : 2.00pm – 3.30pm

Venue : Mahkota III Ballroom

- YRA-O-01.** Production and physicochemical characterisation of capsaicin-loaded solid-lipid nanoparticles (SLNs) by microwave-assisted microemulsion technique
Li LingYun, Shah RM, Eldridge DS, Harding IH, Palombo EA and Ginjom IR
- YRA-O-02.** Sedentary behaviour and cardio-metabolic health markers among breast cancer survivors
Mohd Razif Shahril, Nor Syamimi Zakarai, Nurnazahiah Ali, Kow Ving Lok, Lua Pei Lin, Aryati Ahmad, Zunura'in Zahali, Hamid Jan Jan Mohamed, Suhaina Sulaiman
- YRA-O-03.** Risk factors for stunting among 0-23 month old children in Bali, West Java and East Nusa Tenggara Provinces in Indonesia
Nadiyah, Dodik Briawan and Drajat Martianto
- YRA-O-04.** A randomised trial to test the effectiveness of breastfeeding relaxation therapy on maternal stress, breast milk composition and infant outcomes
Nurul Husna Mohd Shukri, Wells J, Mukhtar F, Lee MH and Fewtrell M.
- YRA-O-05.** Dietary phytate, zinc to iron molar ratio, fat, iron, and calcium significantly predict the bioavailability of iron in the diets of pregnant women in rural Bangladesh: a cross-sectional study
Syed Mahfuz Al Hasan, Islam MS, Chowdhury JR, Rahman A, Halder P, Aktar MA, Tasnim S, Mahmud MF, Kabir MR, Ahmed R, Islam MS and Khan MS
- YRA-O-06.** Psychological consequences of obesity associated with cognitive function in children aged 10-11 years in Kuala Lumpur, Malaysia
Tung Serene En Hui, Mohd Nasir MT, Chin YS, Zalilah MS, Zubaidah JO and Yim HS

A cash prize of **USD 500**, complimentary conference registration and a certificate shall be awarded to two best YRA oral presentations

Cash prizes contributed by





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Young Researchers' Awards (Poster)

Date : 15 – 17 May 2017

Venue : Function Rooms Safir I & II

- YRA-P-01. Planting the seed for the future. The impact of a school garden pilot program in Quezon City, the Philippines
Bouterakos M and Ruta ERM
- YRA-P-02. Mung bean sprouts for cardiovascular diseases prevention
Muhammad Asrullah, Novidiyanto, Lily Arsanti Lestari, Siti Helmyati and Arta Farmawati
- YRA-P-03. The knowledge of nutrition at elementary school children in Bekasi, Indonesia
Syah MNH, Perdana SM and Asna AF
- YRA-P-04. Contribution of UVB exposure and diet to vitamin D needs in Asians in two distinct geographical locations and climates
Jamil NA, Yew MH, Yatiman NH, Gray SR, Staudt N, Poh BK and Macdonald HM
- YRA-P-05. The relation between breastfeeding and complementary feeding with nutritional status of children under five years old in Tinelo Village, Gorontalo Regency
Nuryani and Yeni Paramata
- YRA-P-06. Are Malaysian children getting enough physical activity? Results from the Malaysia Active Healthy Kids Report Card 2016
Sharif R, Chong KH, Zakaria NH, Ong ML, Reilly JJ, Wong JE, Hazizi AS, and Poh BK
- YRA-P-07. Metabolic syndrome risk factors and effectiveness of a nutritional and lifestyle educational programme for Punjabi women in Central Malaysia
Satvinder K, Rohana AJ, Barakatun-Nisak MY, Yim HS and Hamid JJM

A cash prize of **USD 300**, complimentary conference registration and a certificate shall be awarded to two best YRA poster presentations

Cash prizes contributed by



ILSI

Southeast
Asia Region

International Life Sciences Institute
Southeast Asia Region

Free Paper Presentations

Session : Free Paper Presentation 1
Date : 16 May 2017, Tuesday
Time : 4.30pm – 5.30pm

Venue : Mahkota II Ballroom

- FP-03. Association between lifestyle factors and metabolic syndrome among Chinese vegetarians in selected community centers in Kuala Lumpur and Selangor
Ching YK, Chin YS, Gan WY, Vasudevan R and Mahenderan A
- FP-04. Complementary breastfeeding as risk factor for the prevalence of stunting in children of 6-24 months at Yogyakarta municipality
Fahrini Yulidasari
- FP-07. The CSIRO Healthy Diet Score: an online survey to estimate compliance with dietary guidelines
Hendrie GA, Baird D, Golley RK and Noakes M
- FP-08. An evaluation of the effectiveness of home-based RUTF versus Supplementary Food in the treatment of severe acute malnutrition in the Philippines
Ivy WY Xia¹, **Lincoln LH Lau**, Harold Doroteo and Milton Amayu
- FP-09. Effect of high-and low-glycemic index and glycemic load test meals on bloodglucose, insulin, incretin hormones, and satiety in prediabetic subjects
Jureeporn N, Ratchanee K, Prapaisri PS, Uruwan Y and Rin C
- FP-10. Creating a healthier nutrition environment in secondary schools in Kuala Lumpur: the NuTeen project protocol and preliminary findings
Kandiah M, Shashikala S, Tan CH, Ong YJ, Zalilah MS, Gan WY, Ulaganathan V

Session : Free Paper Presentation 2
Date : 16 May 2017, Tuesday
Time : 4.30pm – 5.30pm

Venue : Mahkota III Ballroom

- FP-02. Functional foods: Consumer perception of technology-based food innovation in Iran
Bazhan M, Keshavarz-Mohammadi N, Kalantari N, Hosseini H and Alavi-Majd H
- FP-05. Profiles of food shopping behaviour at street vendors: online survey in five countries
Februhartanty J and Worsley A
- FP-06. Conversion of infection status in patients pulmonary tuberculosis with multi-drugs resistant after receiving snack head fish and virgin coconut oil: a randomized, double-blind, controlled study
Hadju V, Montolalu FC, Wahyuni S and Lawrence GS
- FP-13. NCD risk factors among school children in selected schools in Manila and Quezon City, Philippines
Ma. Socorro Endrina-Ignacio
- FP-14. Obesity and polymorphism in FTO gene in multi-ethnic Malaysian adults
Mitra S R, Tan P Y and Farahnaz Amini
- FP-21. Association between dietary patterns and risk of nasopharyngeal carcinoma: a multi-centric hospital based case-control study in Malaysia
Ulaganathan V, Lye MS, Loh SP, Yap YY, Kandiah M, Ban E and Nurulassikin SAR



Free Paper Presentations

Session : Free Paper Presentation 3
Date : 17 May 2017, Wednesday
Time : 12.00noon – 1.00pm

Venue : Mahkota II Ballroom

- FP-11. S.M.A.R.T program improves nutrition knowledge, attitude and practices of primary school students
Ling SN, Benjamin A and Navindran G
- FP-15. A sago worm as a good protein-rich food for rural children's complementary feeding in Southeast Sulawesi, Indonesia
Nirmala IR, Trees, Suwarni and Pramono MS
- FP-16. Sunlight exposure, northeast monsoon and vitamin D: cross-sectional and intervention study findings
Norliyana A, Wan Abdul Manan WM, Wan Mohd Izani WM and Hamid Jan JM
- FP-19. Effect of nutrition education intervention on predictors and prevalence of anaemia among children aged 6 to 59 months in Shebelle zone, Somali Region, Eastern Ethiopia
Rashid Abdi Guled, Nik Mazlan Bin Mamat, Tefera Belachew, Wan Azdie Mohamed Bin Abu Bakar and Nega Assefa
- FP-20. Revitalizing the function of nutrition status survey (NSS) within the national surveillance system of child malnutrition in Indonesia
Sugihantono A, Izwardy D, Wulanjaru RG, Winarto AT, Nurlita H, and Wibowo L
- FP-22. Evidence-based recommendations for balanced nutrition in managing obesity and related metabolic disorders
Wang CK

Session : Free Paper Presentation 4
Date : 17 May 2017, Wednesday
Time : 12.00noon – 1.00pm

Venue : Mahkota III Ballroom

- FP-01. Validity of household dietary diversity score as a measure of food insecurity among households in Lucena City, Quezon
Arias FP
- FP-12. Is plasma vitamin D status linked to sleep quality and eating pattern at night during pregnancy?
Loy SL, Cheng TS, Cheung YB, Cai S, Colega MT, Godfrey KM, Chong Y-S, Tan KH, Shek LP-C, Lee YS, Lek N, Chan JKY, Chong MF-F and Yap F
- FP-17. Factors associated with cognitive development of infants at 6 and 12 months: preliminary findings from an infant cohort in Seremban
Nurliyana AR, Zalilah MS, Mohd Nasir MT, Gan WY and Tan KA
- FP-18. Video game is one of a promising media to modify knowledge and attitude on the importance of breakfast among elementary school children
Pratiwi RA, Angkasa D and Jus'at I
- FP-23. A continuum of care analysis on adherence towards maternal and child nutrition programs and its association to child stunting in Indonesia
Wiradnyani LAA, Khusun H, Achadi EL, Ocviyanti D, Atmarita, Roshita A, Hardinsyah and Shankar AH
- FP-24. Estimating portion sizes from digital food images: Accuracy of estimation by nutrition professionals
Wong JE, Ainaa Fatehah A and Poh BK

Poster Presentations

Date : 15 – 17 May 2017

Venue : Function Rooms Safir I & II

Scientific posters have been grouped into the following themes:

A = Nutritional Status (Various Groups) and Community Interventions

B = Dietary Intake, Consumption Pattern and Diseases

C = Nutrients and Other Components in Foods / Products

D = Clinical Nutrition / Intervention Trials

E = Food Science and Technology

F = Experimental Nutrition

Group A: Nutritional Status (Various Groups) and Community Interventions

- PP-A01. Nutritional status of adults in chosen slum flats in Jakarta, Indonesia
***Agatha**, Septian Suhandono, Kurnia Dwi Juliani, Maulid Doni Rahman and Hardinsyah*
- PP-A02. Associations between overweight and obesity with cardiovascular risk factors in adolescents from three states in Malaysia
***Aishah E**, Gan WY, Nurainul Hana S, Azriyanti A and Appannah G*
- PP-A03. Pattern of skipping meals and its determinants among adolescent girls: Bangladesh perspective
***Akter F**, Mistry SK and Rahman M*
- PP-A04. Malnutrition identification according to Mini Nutritional Assessment – Short Form and dietary intake among community living elderly in Kuantan, Pahang
***Aliza Haslinda H**, Abdul Rahman M and Nur Izzati MR*
- PP-A05. Trend of under-nutrition among toddlers in various ethnicity in East Java, Indonesia
***Andri Rahmad Sudiarmanto**, Aulia Jauharun Nisak, Andhita Riana, Qonita Rachmah, Emalia Rhytmayanti and Trias Mahmudiono*
- PP-A06. Comparison of the diagnostic performance of body mass index and waist circumference measurements to identify obesity: in a group of Malaysian adults
***Azizan A**, Kee CC, Nur Hayati A, Aswir AR and Mohd Fairulnizal MN*
- PP-A07. The estimation of maternal weight gain during pregnancy with birth weight
***Azrimaidaliza** and Rozaliny Asri*
- PP-A08. The effect of fruit consumption and physical activity intervention on nutritional status (BMI/age) of obese children in elementary schools in Riau Indonesia
***Besti Verawati** and Nur Afrinis*
- PP-A09. The association of Indonesian healthy eating index with indicators of metabolic syndromes among adult women
***Briawan D**, Khomsan A, Rimbawan and Meiliani R*
- PP-A10. Management system of Thai Healthier Logo for combating NCDs
*Chavasit V, **Kriengsinyos W**, Parinyasiri T, Rojjanawanicharkorn A, Ditmetharaj M, Singsoong K and Phaichamanan M*



Poster Presentations

- PP-A11. Validation of exclusive breastfeeding practice by maternal recall with deuterium oxide dose to mother technique among mothers in Klang Valley
*Chong GY, Nik Shanita S, Noor Zahila MI and **Norimah AK***
- PP-A12. Food insecurity and nutritional status among Orang Asli (Mah Meri) women in Kuala Langat, Selangor, Malaysia
***Chong SP**, Geeta A and Norhasmah S*
- PP-A13. Factors affecting the nutritional status of congenitally blind Filipino in an institutional setting
*De Guzman A, Balondo JJ, **Bautro AG**, Cua JL, So SL and Mendoza D*
- PP-A14. Correlates of malnutrition among depressed Filipino elderly in an institutionalized homecare setting: A Partial Least Square Study
*De Guzman A, **Andujare, KA**, Cajucom KM, Montala Y and Tanquilut G*
- PP-A15. Prevalence and associated factors of obesity among adolescents with autism spectrum disorders (ASD) in the Philippines
*De Guzman AB, Adviento EJO, Adviento, MCD, **Balbesino, ACA**, De Castro, KMA and Mendoza, DS*
- PP-A16. The role of alcohol consumption, food intake, and physical activity on the prevalence of obesity among Filipino call center agents
*De Guzman AB, Cadiante JHQ, Calingasan PV, Loyola MAV, **Pastrano HVM**, Villaruel JHL and Mendoza DS*
- PP-A17. Examining the relationship of daily money allowance, sugar-sweetened beverages consumption, and level of nutrition knowledge on the nutritional status among a select group of Filipino adolescents
*De Guzman AB, Fuertes BJC, Liao EBB, **Nava JKC**, Santos GAL, and Mendoza DS*
- PP-A18. Factors affecting the nutritional status of Filipino elderly in home care settings
*De Guzman AB, Asuncion EKV, Guevara PFV, Santos JKM, **Teo SBB**, Mendoza DS*
- PP-A19. The impact of nutrition education on university students' knowledge and intake of street foods
*De Guzman AB, **Dalisay ALP**, Magalong KJG, Quimpo JT, Ramos VLM, and Mendoza DS*
- PP-A20. Partial least square regression modeling of the factors affecting the risk for obesity of graveyard shift call center agents
*De Guzman A, Abache R, **Alcantara A**, Bularan C, Ramos A and Mendoza D*
- PP-A21. Food security status and its association with sociodemographic, psychosocial status and depression among Malaysian elderly in Mukim Ulu Kinta, Perak, Malaysia
***Fazlini MF**, Norhasmah S, Zalilah MS, Zuriati I, Farhana SM and Fadilah MN*
- PP-A22. Experiential-based module development and lesson plans on nutrition for primary and secondary school teachers in Indonesia
***Februhartanty J**, Wiradnyani LAA, Pramesthi IL, Rachman PH, Ermayani E and Syahab RF*

Poster Presentations

- PP-A23. The relationship between bone width and bone quality with bone mineral density among Indonesian children
Harahap H, Budiman B, Soekatri M and Sandjaja
- PP-A24. Hydration status and water intake of women during and after Ramadan fasting
Hardinsyah, Nisa Mawadaturrohmah, Katon Pradipto Abinowo and Yayuk Farida Baliwati
- PP-A25. Parent's physical activity associated with preschoolers physical activity in Taska Permata Keluarga, Kuala Nerus
Hasmiza H and Teo PW
- PP-A26. Effect of nutrition education using booklet and mobile phone communications on changes of motivation, self-efficacy, and breakfast practice in Indonesian adolescents
Indriasari R, Thasim S, Nyorong M
- PP-A27. Can food demonstration and intensive counseling to pregnant women improve food diversity? : Experience from 'Maternal Nutrition Intervention' project
Islam N, Islam M, Shabnam S, Afsana K and Rifat M
- PP-A28. A regression model for predicting adiposity in Malaysian adult women
Juliana N, Nadeeya MN, Azmani S, Teng NIMF and Amin NA
- PP-A29. Healthier logo in Thailand: Criteria and implementation
Kriengsinyos W, Chavasit V, Sirichakwal P, **Mukdasakunphiban B**, Maksongrite C and Tempornlert N
- PP-A30. Pattern of growth of exclusively breastfed infants 0-6 months of age, at Maternal Clinic Anny, Pasar Rebo, East Jakarta
Kusharisupeni, Wahyu Kurnia, Kusdinar Ahmad and **Agatha**
- PP-A31. Physical activity and dietary intake among Universiti Sultan Zainal Abidin (UniSZA) students
Laila Ruwaida Mohd Zainuddin and Zulaikha Mohd Zailan
- PP-A32. Mid-upper arm circumference value, haemoglobin and body mass index among pre-conception women in Banggai Regency Central Sulawesi, Indonesia
Lucy Widasari, Yustianty Monoarfa, Siti Maisuri Tadjuddin, Nurhaedar Djafar and Abdul Razak Thaha
- PP-A33. Occurrence of infection and nutrition on public perception in East Lombok
Maria Holly Herawati and Eddie Noor WS
- PP-A34. Factors affecting the occurrence of less nutrition in children in coastal communities in East Lombok
Maria Holly Herawati and Merry Lusiana
- PP-A35. Positive deviation of growth in low birth weight infants until five months old
Mitra M



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- PP-A36. Cross-site anthropometric assessment of school-based obesity interventions: A 12-month follow-up study
Mok WKH, Poh BK, Wee LH, Koo HC, Lau XC, Devanthini DG, Ruzita AT
- PP-A37. Development of a nutrition education module for preschool students
Muharni, Lily RS, Fitri, Hesti A and Ayu K
- PP-A38. Dyslipidemia and hypertension as risk factors for coronary heart disease
Lubis, NDA and Thevar, P
- PP-A39. Community volunteer programme: Will it help to improve the knowledge on balanced diet among the rural Orang Asli communities?
Ng RJ, Eliza M, Mohd Idris O, Noriah B, Eliana M, N Izzah S, Rahimi H and Hakimin MK
- PP-A40. Community understanding of 13 general messages of balanced nutrition in East Lombok District
Noor Edi Widya Sukoco and Maria Holly Herawati
- PP-A41. *Understanding cultural factors affecting nutritional status of children under five in East Lombok*
Noor Edi Widya Sukoco and Ratna Widyasari
- PP-A42. Influence of parental support for healthy diet and physical activity behaviour on health-related quality of life among normal weight and overweight Malay adolescents
Noor Hafizah Y, Jeslina Devi M, Razinah S and Poh BK
- PP-A43. Food insecurity, nutrient intakes and health-related quality of life among welfare recipients in Bangi and Kajang, Selangor, Malaysia
Norhasmah S, Nik Aida Adibah NAA and Laily P
- PP-A44. *The effect of home gardening and nutrition education on food consumption and nutrition status children under five years in Riau Indonesia*
Nur Afrinis and **Besti Verawati**
- PP-A45. Socio-demographic determinants of serum 25-hydroxyvitamin D 25(OH)D insufficiency among 13 years old adolescents in the southern region of Peninsular Malaysia
Nur Athira AY, Nurainul Hana S, Azriyanti A and Appannah G
- PP-A46. Evaluation of the 'Healthy Worker' multi-component workplace wellness programme targeting overweight and obese workers
Nur Suffia S, Choo WY and Hazreen AM
- PP-A47. Bringing fruit and vegetable (FV) market to the office: simply recreational or innovative?
Nurlita H and Wibowo L
- PP-A48. Infant appetite and temperament as predictors of infant growth
Nurul Husna MS, Wells J and Fewtrell M

Poster Presentations

- PP-A49. Social and economic predictors of stunting among Filipino adolescents
Padilla LM, Melse-Boonstra A, Ferrer EB, Barba CVC, and Feskens EJ
- PP-A50. Design of a worksite nutrition education intervention to prevent obesity for university staff based on trans theoretical model and social cognitive theory
Palomo K
- PP-A51. The effect of food consumption and health examination on maternal nutritional status and infant birth weight and length in Bogor municipality
Prita Dhyani Swamilaksita
- PP-A52. Risk factors of dyslipidemia in male workers in a heavy equipment company in East Jakarta, Indonesia
Rahmawati ND and Sartika RAD
- PP-A53. *PP-A50 Risk factors of hypertension in selected urban and rural areas in Indonesia*
Sartika RAD and Fatmaningsih
- PP-A54. *Nutrition assessment of people living with human immunodeficiency virus (plhiv) in a treatment hub in the Philippines*
Reambillo-Navasero AL, Talavera MTM, De Juras AR, and Flor BPG
- PP-A55. Process evaluation to sustain the improved performance of local government units in the delivery of package of nutrition interventions in regions V and VI, Philippines
Reario MFD, Lafuente E, Bitantes R, Stormer A, Mundy G, Carpio ME
- PP-A56. Empowering and mobilizing the youth for preconception health and nutrition promotion in the Philippines
Ryan John Pascual, Aster Lynn Sur and Carmencita Padilla
- PP-A57. #Folicacidph: utilizing social media in the promotion of folic acid awareness in the Philippines
Ryan John Pascual
- PP-A58. The association between internet social media exposure with body image dissatisfaction and eating disorder among adolescents in Shah Alam, Selangor
Sarina S and Tuan Mohd Qaedi TMA
- PP-A59. Association of socio-demographic, eating behaviour and self-esteem characteristics with body weight status among secondary school students in Cheras, Selangor
Sarina S and Rina Syahira R
- PP-A60. Acculturation and non-communicable diseases (ncd) risk factors among nepal migrant workers in Klang, Malaysia
Satvinder K, Leong KK, Saw YS and Nur Nabila AR
- PP-A61. Examining the relationship of nutrition literacy and daily food allowance to the nutritional status of a select group of farmers in the Philippines
Sideco JAM, de Guzman AB, Garcia EMN, Paez YPG, **Sy RJT**, Toong NAG and Mendoza DS



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- PP-A62. Major determinants of abnormal total cholesterol level in Indonesia
Siregar MH, *Fatmah and Sartika RAP*
- PP-A63. Associations between socioeconomic status, maternal height risk, hemoglobin level, and sanitation and hygiene practices with stunting among Aboriginal children in Negeri Sembilan, Malaysia
Siti Fatimah M, *Gan WY, Norhasmah S and Zalilah MS*
- PP-A64. Development of healthier choice initiative: Brunei Darussalam's perspective
Siti Munawwarah AT, *Kamis HZ, Rawi SN and Kassim N*
- PP-A65. Weight loss behavior and its perceived barriers: findings from in-depth interviews with overweight adolescents
Suriati S, *Ajau D and Safiah MY*
- PP-A66. Prevalence of malnutrition among children referred to health clinic in Cameron Highlands during 2012 to 2016
Suwaibah AH, *Rahimi H, Muhamad Naim I, Janaki M and Hoe HK*
- PP-A67. Relationship of nutrition knowledge with food habits and physical activity of adolescents in Bogor City
Syartiwidya and *Indriasari M*
- PP-A68. Associations between BMI, meal intake and physical activity with executive function among adolescents aged 13 to 16 years in Petaling Perdana, Selangor
Tee JYH, *Gan WY, Chin YS and Tan KA*
- PP-A69. Associations between socio-demographic characteristics, body weight status and eating behaviours with cognitive performance among primary school children in Batu Pahat district
Teo CH, *Chin YS, Kerk SB and Shahril Azian HM*
- PP-A70. Iodine deficiency in pregnant women living in a coastal area of Mon State, Myanmar
Theingi Thwin, *Moh Moh Hlaing, Mya Ohnmar, Sandar Tun, Thidar Khine, Wah Wah Win, Su Su Hlaing and Hla Phyo Lin*
- PP-A71. Efficacy of nutrition education by religious marital advisors on nutrition attitude and knowledge of young marriage couples in Bogor Indonesia
Umami Z, *Hardinsyah, Tanziha I and Suhandono S*
- PP-A72. Physical activity, health and nutritional status of selected business process outsourcing employees: A comparison
Vanessa Ley T. Reyes and *Czarina Teresita S. Martinez*
- PP-A73. The effect of school environment on the body mass index (BMI) of school children: schools and obesity prevention
Wafa SW, *Ghazali R and Ahmad A*

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- PP-A74. Development of recipe book as nutrition education media for weight reduction intervention programme
Wan Nurul Najwa WN, Wirdah M, Raduan S and Ruzita AT
- PP-A75. Development of new predictive equations for estimation of resting metabolic rate among Malay children
Wee BS, Bulgiba AM, Ismail MN, Liu A, Deurenberg P and Poh BK
- PP-A76. Attitude and readiness of elementary school teachers towards school-based nutrition education
Wiradnyani LAA, Februhartanty F, Kekalih A and Anggraini R
- PP-A77. Effectiveness of F.E.A.T (Fit, Eat, Active, Training) programme for addressing adult obesity in suburban Malaysia: study protocol for a quasi-experimental trial
Wirdah M, Poh BK, Nor Farah MF, Norhayati I and Ruzita AT
- PP-A78. Correlation of body mass index and total leukocyte count in adolescents
Wisnusanti SU, Lestari LA and Helmyati S
- PP-A79. Is fast food consumption associated with nutritional status of primary school children in Kuala Lumpur?
Wu SK, Wong JE and Poh BK

Group B: Dietary Intake, Consumption Pattern and Diseases

- PP-B01. The relationship between lifestyle of pregnant mothers and place of residence on maternal vitamin D intake status
Aji AS and Lipoeto NI
- PP-B02. High intake of phytoestrogen food sources and a routine exercise were associated with lower risk of primary dysmenorrhea among adolescent girls
Angkasa D, Liza N, Laras S and Jus'at I
- PP-B03. Relative validity of a semi quantitative food frequency questionnaire for estimating dietary Ω -3 fatty acids intakes among urban pregnant women in Indonesia
Angkasa D, Agustina R, Witjaksono F, Adesanjaya T, Tambunan V and Khusun H
- PP-B04. Intake of animal foods and their contribution to nutrient adequacy levels of Indonesian children 2-6 years
Aviani Harfika and Hardinsyah
- PP-B05. Development of dietary attitudes and habits scale for adolescents
Benavides-de Leon R, Bagui L and Jayoma MJ
- PP-B06. Infant and young child feeding practices of Penan children in rural Sarawak
Bong MW, Norimah AK and Ismail MN



Poster Presentations

- PP-B07. Factors of dietary intake and physical activity level associated with gestational weight gain among urban and rural pregnant women in Selangor
Dhivya M, *Satvinder K, Yim HS and Rohana AJ*
- PP-B08. Fat intake and sedentary activity as dominant factors of diabetes among teachers in urban area
Diah M. Utari
- PP-B09. Changing snack food behaviour among school children through a nutrition education program
Briawan D
- PP-B10. Characteristics of major dietary patterns and their associations with socio-demographic and lifestyle factors
Eng JY, *Moy FM, Bulgiba A and Rampal S*
- PP-B11. Evaluation of dietary habits in primary school children
Fathimah Mohamad, *Fadzilah M. Nor, Nadzimah Mohd Nasir, Aiman F, Farah I, Nurul A, Syazwina, Shakira A*
- PP-B12. Factors associated with disordered eating among Malaysian female university students: Comparison among ethnicities
Gan WY, *Chin YS, Appukutty M, Wong JE, Poh BK, Zalilah MS, Mohd Nasir MT and Kagawa M*
- PP-B13. Sodium and simple sugar intake as risk factors in occurrence of hypertension in obese adolescents
Iin Fatmawati, *Martalena Br Purba and Emy Huriyati*
- PP-B14. Training for nutrition ambassador among junior high school students to promote the Indonesian Dietary Guidelines
Indriasari R and *Gassali N*
- PP-B15. Association between water intake, hydration status, and cognitive performance of elderly women in nursing homes, Tangerang Indonesia
Juliani KD, *Hardinsyah and Avicenna M*
- PP-B16. Association between fast food accessibility and overweight among children 5-18 years old in Peninsular Malaysia
Kee CC, *Cheong YL, Lim KH, Sumarni MG, Mohd Khairuddin CI, Muhammad Fadhli M, Noor Ani A, Ahmad FY, Amal NM*
- PP-B17. Fruits and vegetables intake of Malaysian preschoolers: findings from the South East Asian Nutrition Survey (SEANUTS Malaysia)
Lee ST, *Chong KH, Ng SA, Khouw IT and Poh BK*
- PP-B18. Inadequate intake of micronutrients by healthy Malaysian toddlers: Project Bambino
Misra S, *Shyam S, Khor GL, Fong B, Chong HZM, Sulaiman N, Lee YL*
- PP-B19. Validation of a Food Frequency Questionnaire among a multi-ethnic working population in the Klang Valley, Malaysia
*Moy FM, **Eng JY**, Lew TSY, Rampal S*

Poster Presentations

- PP-B20. Development and evaluation of a semi-quantitative food frequency questionnaire for estimating omega-3 and omega-6 fatty acid intakes in Indonesian children
Muhammad Ridwan Ansari, Rina Agustina, Helda Khusun, Erfi Prafiantini, Fitrianna Cahyaningrum and Inge Permadhi
- PP-B21. Dietary supplement use among university athletes in Thailand
Muktabhant B and Rukpanid N
- PP-B22. Dietary vitamin D, calcium and body fat among adolescents in Jakarta, Indonesia.
Nadiyah and Nova Andriani
- PP-B23. Intake of fiber, PUFA, omega-3 and calcium was associated with the reported incidence of primary dysmenorrhea among adolescent girls in Surabaya, Indonesia
Nazari PE and **Mahmudiono T**
- PP-B24. The dietary perceptions and practices among community-dwelling elderly
Norain Zainudin, **Aliza Haslinda Hamirudin**, Nor Azlina A. Rahman, Suriati Sidek
- PP-B25. Exploring and developing practice model on induced lactation in Malaysia: A qualitative research methodology
Norsyamlina CAR
- PP-B26. Proliferative effects of Trigona honey and Ajwa dates on bone marrow-derived mesenchymal stem cells
Nur Fariha MM, Masniza ML, Nur Syahrina R, Zetty Nadia MZ, Asral Wirda AA, Mohamed Adel MAR Elkadi and Hayati AR
- PP-B27. Nutritional status and micronutrient intake of female students in Faculty of Public Health, Gorontalo University
Nuryani, Yeni Paramata and Zul Adhayani Arda
- PP-B28. The relation of dietary snacking with nutritional status in elementary school students in Gorontalo regency
Rahmawati and Nuryani
- PP-B29. Association of adolescents' knowledge, attitude and practice (KAP) of the *Ten Kumainments* and their nutritional status
Reambillo-Navasero A and Talavera MTM
- PP-B30. Development of healthy balance diet at minimum cost using linear programming for low income female adults in Malaysia
Roslee R, Nurul Izza AZ, Che Nur Azira Liyana CR, Nurul Hamizah AH, Siti Masitah E, Suzana S and Noor Aini MY
- PP-B31. Body weight status and dietary intake of adult homeless in Kuala Lumpur
Roslee R, Nuryana IB, Tan JR, Sia PS, Nurhazimah K and Nik HO



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- PP-B32. Prevalence and factors influencing exclusive breastfeeding practice in Malaysia: Findings from National Health And Morbidity Survey 2016
Ruhaya S, Cheong SM, Mohamad HA, Azli B, Nur Shahida AA, Nor Azian MZ, Rashidah A, Fatimah O, Syafinaz MS, Rusidah S, Rashadiba I, Junidah R, Chin YS, Jamilah A, Norazizah IW, Tahir A
- PP-B33. Red palm oil as a source of beta-carotene to address vitamin A deficiency
Sarafhana D
- PP-B34. The association between body image perception, eating behaviour and weight management knowledge among secondary school children in SMK Seksyen 9, Shah Alam, Selangor
Sarah Mahirah MS and Ainor Farahin A
- PP-B35. The association of stress and body weight status with emotional eating among young adults in Shah Alam, Selangor
Sarina S, Suhadri A and **Sarah Mahirah MS**
- PP-B36. School canteen food environment: qualitative insights from students and parents
Shashikala S, Tan LM and Mirnalini K
- PP-B37. Effect of healthier choice logo on purchase decision among customers of restaurants in Brunei Darussalam
Siti Munawwarah AT, Wong LH, Kamis HZ and Kassim N
- PP-B38. Food supplement consumption and its perceived benefits among IIUM students: a comparison study between health-related and non-health-related undergraduate students
Suriati S and Farhana SSM
- PP-B39. The association of maternal pre-pregnancy body mass index and breastfeeding initiation
Syahrul Bariah AH, Jun HC and Binns CW
- PP-B40. Calcium, vitamin D intake, physical activity and bone mineral density among Malay and Chinese female secondary school students in Malacca
Syazwani Saidah CY, **Aminah A** and Norlida MD
- PP-B41. Impact of air pollution on food intake among indoor and outdoor workers: a comparison
Thavin KMS, Tan ESS, Cheah SC, Lim HS, Seghayat MS, Normina AB and Tan CK
- PP-B42. *Eucheuma denticulatum* ethanolic extract reduced adipogenesis and inflammatory markers while enhancing glucose uptake in 3T3-L1 adipocytes
Vimala B, June Chelyn L, Mohd Fairunizal MN, Brownlee IA, Syahida A and Amin I
- PP-B43. Nutritional knowledge, dietary intake and its association with nutritional status of Thai school age children in Nakhon Si Thammarat province
Warasri S, Thitima B, Yaowapa S, Pattaraphorn L, Kanokwan T and Jureeporn N
- PP-B44. Anthropometry status and dietary diversity analysis of SMAN 1 Dramaga Bogor students
Wilda Yunieswati

Poster Presentations

- PP-B45. Knowledge on breakfast, breakfast habits and nutritional status of adults in two rural villages in Kuching, Sarawak
Zainab T, Aung AA, Esther SM, Farzana SJ, Fikri B and Losshiny M

Group C: Nutrients and Other Components in Foods / Products

- PP-C01. FoodTrack™ – development and application of a novel Australian food and nutrient database
Hendrie GA, Cleanthous X, Freyne J, Gibson S, Harrap K, and Noakes M
- PP-C02. Nutritional quality of sago worm as rural children's food in Southeast Sulawesi, Indonesia
Nirmala IR, Trees, Suwarni and Pramono MS
- PP-C03. Pecah Kaca (*Strobilanthes crispus*) leaves inhibit lipid metabolism and modulate leptin secretion in human adipocytes in vitro
Norhasnida Zawawi, Zulaikha Tajuddin, Russly Abdul Rahman, Maznah Ismail
- PP-C04. Antioxidant and antihypertension activities of selected Malaysian *ulam*, vegetables and herbs
Norhayati MK and Abdul Salam B
- PP-C05. Protective effect of Tualang honey against kainic acid-induced oxidative stress in the rat cerebellum and brain stem
Nur Shafika MS, Sirajudeen KNS, Swamy M, Muzaimi M, Mohd Asnizam A, and Siti Amrah S
- PP-C06. Antibacterial effects of citrus juices against *Streptococcus pyogenes*
Nur Syahira M, Zarini I, Siva Gowri P, Zetti Zainol R, Wan Shahida WS, Anuar S and Nurul Azmawati M
- PP-C07. Gender and breast feeding moderate the association between dietary intakes of gangliosides and its blood levels among Malaysian toddlers
Shyam S, Misra S, Khor GL, Fong B, Chong HZM, Sulaiman N, Lee YL
- PP-C08. Honey stimulates production of IL-8 chemokine by HT-29 intestinal epithelial cells
Siva Gowri P, Nurul Azmawati M, Zarini I, Wan Shahida WS and Anuar S
- PP-C09. A comparative study on lipids and fatty acid analysis in fish and shellfish for excluding chloroform
Suzuri K, Murayama S, Ito H, Nakasato T and Igarashi T
- PP-C10. Iodine content in commonly condiment and iodine enrichment in the feeding to Nile tilapia (*Oreochromis Niloticas*)
Wangkeeree, P, L. Polwongsa, J A-yamuan, C Pongdee, K Sriphairoj and R Surasiang

Group D: Clinical Nutrition / Intervention Trials

- PP-D01. The difference in mother's motivation and compliance in giving Taburia (multimicronutrient powder) to children with different CIE Taburia packaging in Sidoarjo, Indonesia
Aang Sutrisna, Annas Buanasita, Maria Ratnawati, Jawawi and Lilik Rosidah



Poster Presentations

- PP-D02. Effect of soybean co-ingestion with carbohydrate on postprandial glycaemic-induced reactive oxygen species in healthy men
Albert TYW, Abdul Aziz A, Mohamad Shariff AH and Sareena HH
- PP-D03. The effect of tempe drink intervention on total cholesterol and blood pressure in hypertension and hypercholesterolemia subjects
Ansarullah A, Hardinsyah, Marliyati SA and Astawan M
- PP-D04. The predictive effect of sugar to dietary intake and lifestyle factors among children with attention deficit/hyperactivity disorder
De Guzman A, **Nazal EB**, Ballesteros ML, Labog BM, Isooka M, Tan JP and Mendoza D
- PP-D05. Characteristic differences between young adults with and without family history of type 2 diabetes
Fong KY, **Mohd Yusof Barakatun-Nisak**, MA Hassali
- PP-D06. Is there any correlation between total number of fecal *Escherichia coli* and soil-transmitted helminths infection?
Helmyati S, Kandarina BJI, ES Rahayu and Juffrie M
- PP-D07. Glycaemic effect and palatability of brown rice
Law WK, Teo RYX, **Ooi YBH** and George R
- PP-D08. Nutrition and lifestyle behaviour among Malaysian adults with metabolic syndrome: A qualitative perspective
Muhammad Daniel Azlan M, Quek KF, Kadir KA and Ramadas A
- PP-D09. Personal, organizational, environmental, and political factors influencing self-care management of diabetics as mediated by social support: basis for an empowerment program
Mbiriri AL, Balagtas M, Estrada M, Mergal V, Dorado L, Galang D, Rodriguez J
- PP-D10. The effect of simple carbohydrate restriction on metabolic syndrome risk factors in obese adolescents
Nailufar F
- PP-D11. Perceived barriers of breastfeeding among postnatal mother at Pontian Health Clinic
Norshafawati AA and Norasikin M
- PP-D12. Prevalence and risk factors of hyperglycemia and obesity in hypertensive patients in Indonesia
Sartika RAD and Ardiningsih ES
- PP-D13. Serum 25-hydroxyvitamin D and risk of nasopharyngeal carcinoma at recruitment: a hospital based case-control study in Malaysia
Ulaganathan V, Lye MS, Loh SP, Yap YY, Kandiah M, Ban EZ and Nurulassikin SAR
- PP-D14. The effect of tempe drink intervention on lipid profile in hypercholesterolemic subjects
Wirawanti IW, Hardinsyah, Briawan D and Astawan M

Poster Presentations

Group E: Food Science and Technology

- PP-E01. Screening of aflatoxin M1 occurrence in selected milk and dairy products in Terengganu, Malaysia
*A. Farah Nadira, **J. Rosita**, M.E. Norhaizan, S. Mohd Redzwan*
- PP-E02. Quality characteristics of barley perling by-products with different cultivars and particle size
***Baek SY**, Lee YJ, Jang GY, Li MS, Kim MY, Oh NS and Jeong HS*
- PP-E03. Ultrasound-assisted extraction of antioxidant, total phenol and flavonoid from water and etanolic extract of *Trigona* spp. propolis collected from three provinces of Indonesia
***Fikri AM**, Sulaeman and Marliyati S*
- PP-E04. Developing fortified rice product rich in micronutrients for preventing anaemia of Indonesian teenage girls
***Hardinsyah**, Slamet B, Septian S, Nazhif G, Dodik B, Purnawati H and Giri A*
- PP-E05. TempeCal : The innovative product based on tempeh
***Hasnah H**, NorFasihah R, Nauwal Fatihah AG and Nurul Umi Aiza MA*
- PP-E06. Physicochemical and radical scavenging properties of functional fruit beverages during storage
*Hoo YPA, Yim HS and **Chong PN***
- PP-E07. Influence of organic acids and heat treatment on ginsenoside conversion
***Jang GY**, Lee YJ, Li MS, Kim MY, LEE SH, Kang TS, Lee JS and Jeong HS*
- PP-E08. Changes in estrogenic activity of black soybean (*glycine max L*) with high hydrostatic pressure treatment and pre-germination
***Kim MY**, Jang GY, Lee YJ, Li MS, Oh NS, Baek SY and Jeong HS*
- PP-E09. Optimisation of fermented mamanan (*Cleome Gynandra L.*) as probiotic food high in Lactic acid bacteria (LAB)
***Muharni**, Lily RS and Ayu K*
- PP-E10. Changes in isoflavone composition and estrogenic activity of soybean (*glycine max*) with germination
***Oh HA**, Kim MY, Jang GY, Lee YJ, LI MS, Baek SY, Oh NS, Song MS and Jeong HS*
- PP-E11. High hydrostatic pressure treatment for enhancement of shelf-life and chemical characteristics of *Angelica keiskei* vegetable juice
***Oh NS**, Kim MY, Jang GY, Lee YJ, Li MS, Song MS and Jeong HS*
- PP-E12. Kelulut honey suppresses iNOS expression and NO production in lipopolysaccharides-induced RAW 264.7 murine macrophages cell line
*Ooi TC and **Razinah S***



Poster Presentations

- PP-E13. Effect of Adding Extra Dragon Fruit as Natural Dyes Based on making traditional cake as “Kue Talam” with pure basic taro (*colocasia esculenta*) on Glycemic index, Content of Nutrition and Power Received
Retno Herowati, Prita Dhyani Swamilaksita and Putri Ronitawati
- PP-E14. Aflatoxin B₁ and aflatoxin M₁ binding by *Lactobacillus casei* Shirota and *Bifidobacterium breve*
Rose Ameliya S, Shafiqah KK and Mohd Redzwan S
- PP-E15. Food safety knowledge, attitudes and practices of food handlers at night markets in Selangor
Siti Nursabrina S, Nur Atiqah M and Mohd Redzwan S
- PP-E16. Degradation features of ginsenoside Rb₁, Re and Rg₁ with citric acid by thermal treatment
Song MS, Lee YJ, Jang GY, Li MS, Kim MY, Beak SY, Oh NS, Oh HA and Jeong HS
- PP-E17. Functional and antioxidant properties of novel snack crispy crackers substituted with dried indigenous vegetables powder
Warasri S, Jureporn N, Arjaree N Paweena P and Chantira W

Group F: Experimental Nutrition

- PP-F01. *Coleus amboinicus* leaves extract to attenuate creatinine and macrophage inhibitory factor (MIF) in gout arthritis induced mice
Lailatul Muniroh, Triska Susila Nindya and Rondius Solfaine
- PP-F02. Study on the effect of glutamate on satiety and perceived hunger among primary schoolchildren in Malaysia
Lim SY, Noor Hafizah Y, Wong JE, Hasnah H and Poh BK



Nutrition Society of Malaysia

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**NSM Poster Presentations
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A = Nutritional Status (Various Groups) and Community Interventions

B = Dietary Intake, Consumption Pattern and Diseases

C = Nutrients and Other Components in Foods / Products

D = Clinical Nutrition / Intervention Trials

E = Food Science and Technology

F = Experimental Nutrition

Group A: Nutritional Status (Various Groups) and Community Interventions

- A-UG-01. Social media use, body image and body weight status: comparison between university students with and without disordered eating in Universiti Putra Malaysia
Eow SY and Gan WY
- A-UG-02. Comparing player's experience (enjoyment, self-efficacy and perceived exertion) between exergame and aerobic dance exercise among primary school student in Kota Bharu, Kelantan
Fatin Dayana NA and Hafzan HY
- A-UG-03. Agreement between PAQ-C and pedometer in classifying physical activity levels of children aged 7 to 10 years in Kuala Lumpur, Malaysia
Goh CX, Wong JE and Poh BK
- A-UG-04. Development of the equation to estimate body weight among Malaysian elderly
Mastura MK, Hanis Mastura Y and Suzana Shahar
- A-UG-05. Development and acceptability evaluation of a nutrition education module to prevent obesity among KEMAS preschoolers
Alif O, Koh D and Poh BK
- A-UG-06. Development of interactive game-based nutrition education module for primary school children: C.H.E.F (Choose Healthy Eating and Fitness)
Nur Rashidah R, Hanis MY and Razinah S
- A-UG-07. The beauty of facebook in promoting healthy lifestyle
Nurul Atifah A, Wirdah M, Raduan S and Ruzita AT

Group B: Dietary Intake, Consumption Pattern and Disease

- B-UG-01. Associations between carbohydrate intake, white rice consumption, and dietary flavonoids with indices of obesity among Malaysian adults
Chong HK and Ng TKW
- B-UG-02. Associations between socio-demographic factors, feeding practices, eating habits and body weight status with cognitive performance among pre-schoolers in Petaling Perdana district, Selangor.
Lee ZL and Chin YS

NSM Poster Presentations

- B-UG-03. Dietary glycemic index and glycemic load are associated with blood pressure among Malaysian adults
Ng CY, Shyam S and Tan SS
- B-UG-04. Nut consumption among adults in Klang Valley and its association with selected CVD risk factors
Tan YM and Mohamad M
- B-UG-05. The association of dietary glycaemic index and glycaemic load with body weight status in Malaysian adults
Thye HJ, Tan SS and Shyam S
- B-UG-06. Determination of healthful food decision making in response to traffic light colour-coded nutrition labelling in pre-packaged foods of two major types of retail food outlets in Kelantan
Tiong W and Foo LH
- B-UG-07. Dietary intake and healthy eating index among Malaysians young adults
Yap WL and Satvin K

Group C: Nutrients and Other Components in Foods / Products

- C-UG-01. Total lipid and vitamin E content in conventional and free-range eggs of chicken, duck and quail
Chong SS, Huzwah K and Mohd Sokhini AM
- C-UG-02. Proximate composition of chicken burgers from night stall and selected fast food restaurants
Nur Amirah U and Azrina A
- C-UG-03. Proximate composition analysis of *Nephelium mutabile* Seed (Pulasan's Seed), *Anacardium occidentale* (Almond) and *Prunus dulcis* (Cashew)
Syuhada R and Amin I

Group D: Clinical Nutrition / Intervention Trials

- D-UG-01. Serum nitric oxide level is associated with blood pressure among Malaysian adults
Chan BCW, Chung YL, Ch'ng YX, Darsheka W, Snigdha M, Chong HZ and Tan SS
- D-UG-02. Association of serum nitric oxide with body mass index and waist circumference among Malaysian adults
Ch'ng YX, Chung YL, Darsheka W, Chan BCW, Chong HZ, Snigdha M, Tan SS
- D-UG-03. Association of serum vitamin D and nitric oxide (NO) Levels with lipid profile among Malaysian adults in Klang Valley
Chung YL, Ch'ng YX, Chan BCW, Darsheka W, Chong HZ, Snigdha M and Tan SS
- D-UG-04. Association of serum vitamin D and serum nitric oxide levels with fasting blood glucose level among Malaysian adults
Darsheka W, Chan BCW, Ch'ng YX, Chung YL, Snigdha M, Chong HZ and Tan SS

NSM Poster Presentations

Group E: Food Science and Technology

- E-UG-01. Physicochemical and morphological properties of chicken sausages added with selected vegetables
Asmieda MJ and Wan Rosli WI
- E-UG-02. Nutritional and physico-chemical properties of baked-based products formulated with natural sweetening agents
Faezah Nasri and Wan Rosli WI
- E-UG-03. Comparison of antioxidant content and activity by different solvents and polarities of pulasan rind
Muhammad Syafiq MS and Azrina A
- E-UG-04. Determination of total microorganisms count and *Vibrio* species profile in freshwater fish
Nor Aqilah MA and Shariza AR
- E-UG-05. Sensory preference and detection threshold for sweet taste among undergraduate university students
Nur Asyirah A and Marina AM
- E-UG-06. Determination of total microorganisms count and *Vibrio spp.* profile in crustaceans
Nurul Ain A and Shariza AR
- E-UG-07. Nutritional composition and sensory acceptability of traditional kueh (*Cek Mek Molek*) incorporated with pumpkin
Siti Sarah N and Norfarizan-Hanoon NA
- E-UG-08. Development of diabetic friendly drink formulated with winter melon (*Benincasa hispida*) using different natural sweeteners
Syakirah Nasehah YO and Wan Rosli WI
- E-UG-09. Physicochemical, sensory evaluation, radical scavenging activity, and consumer acceptance of a prune-based functional drink during storage
Ting CG, Yim HS and Chong PN

Group F: Experimental Nutrition

- F-UG-01. Investigation of inflammation biomarkers on the obese rats treated with *Spondias dulcis* (Kedondong fruit)
Chen ZS and Zulhabri O
- F-UG-02. The potential of *Pithecellobium bubalinum* (kerdas) and *Pithecellobium jiringa* (jering) seeds to inhibit pancreatic lipase, α -amylase and α -glucosidase activities *in vitro*
Zulika A, Nurul Husna S and Hasnah B



Nutrition Society of Malaysia

*Nutrition Society of Malaysia
32nd Annual Scientific Conference*

**Nutrition Society of Malaysia (NSM)
Award / Prizes 2017**



NSM Fellows Award

The Fellows of NSM are elected by recommendation of the Council based on their outstanding professional and meritorious contributions to the field of nutritional sciences. They consist of Life or Ordinary Members of the Nutrition Society of Malaysia nominated based on their regular contributions to or support of the activities organised by NSM for no less than 10 years.

The NSM Fellows are nominated based on outstanding and meritorious contributions to the field of nutritional sciences as indicated by:

- A. Nutrition research projects/programmes
- B. Publications
- C. Consultations (including Working Groups/Technical Committee)
- D. Inventions/Innovations/Patens
- E. Awards
- F. Community Service

For 2017, in commemoration of the 32st Scientific Conference of the Nutrition Society of Malaysia, the 15th Council is pleased to present NSM Fellows Award to the following members:

- Assoc Prof Dr Foo Leng Huat (L 1109)
- Assoc Prof Dr Hazizi Abu Saad (L 1531)

Approved by the 32st Annual General Meeting of the NSM on 31 March 2017.

NSM Postgraduate and Undergraduate Prizes 2017

Two types of NSM Prizes are awarded under the Education Fund of the Nutrition Society of Malaysia, according to the Bye-Laws of the Society. The NSM Postgraduate Prize is awarded for a thesis accepted for a PhD or MSc degree whereas the Undergraduate Prize is awarded for a thesis accepted for a basic/first degree. Each prize comprises a cash award and a certificate, as follows: RM 1,000 for a PhD thesis, RM 750 for MSc thesis and RM 500 for the undergraduate prize.

In 2017, NSM is awarding five Postgraduate Prizes; two for PhD and three for MSc, with a total cash award of RM4,250. Four undergraduates receive Undergraduate Prizes with a total cash of RM 2,000. The total cash award for this year is RM6,250.

The recipients for the PhD thesis prizes are:

1. **Dr Sarega Nadarajan**

Anti-hypercholesterolemia and antioxidant effects of Belalai Gajah (*Clinacanthus Nutans*) extracts and Proto-catechuic acid rich fraction, in vivo and in vitro

Supervisor: Prof Dr Maznah Ismail

Co-supervisors: Assoc Prof Dr Norhaizan Mohd Esa & Dr NorHasnida Zawawi

University: Department of Nutrition and Dietetics, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia Malaysia

2. **Dr Koo Hui Chin**

The Great-Child Trial™: Whole Grain and Healthy Balanced Diet Intervention to Manage Childhood Obesity

Supervisor: Prof Dr Ruzita Abd Talib

Co-supervisors: Prof Dr Poh Bee Koon

University: Nutrition Science Programme, School of Healthcare Sciences, Faculty of Health Sciences, UKM Kuala Lumpur



NSM Postgraduate and Undergraduate Prizes 2017

The recipients for the MSc thesis prizes are:

1. **Lydiatul Shima Ashari**

The Association of Metabolic Syndrome Risk Factors with Serum High-Molecular Weight Adiponectin and Urinary Metabolites Among the Orang Asli in Malaysia

Supervisor: Assoc Prof Dr Hamid Jan Jan Mohamed

Co-supervisors: Assoc Prof Dr Zafarina Zainuddin & Prof Dr Teh Lay Kek

University: Nutrition and Dietetics Programme, School of Health Sciences, Universiti Sains Malaysia

2. **Shu Ping Soon**

Factors associated with glycemic level among individuals with Type 2 diabetes mellitus in Hospital Serdang

Supervisor: Assoc Prof Dr Chan Yoke Mun

Co-supervisors: Assoc Prof Dr Mary Huang, Dr Muhammad Mikhail Joseph & Dr Ng Ooi Chuan

University: Department of Nutrition and Dietetics, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia

3. **Nur Nadzirah Binti Aziz**

The Objective Measurement of Sedentary Behaviours Using ActivPAL™ Professional Physical Activity Monitor and its Association with Dietary Intake and Health-Related Quality of Life Among Obese

Supervisor: Dr Sharifah Wajihah Wafa Binti Hj. Syed Saadun Tarek Wafa

Co-supervisor: Dr Mohd Razif Shahril

University: School of Nutrition and Dietetics, Faculty of Health Sciences, Universiti Sultan Zainal Abidin (UniSZA)

NSM Postgraduate and Undergraduate Prizes 2017

The recipients for the undergraduate thesis prizes are:

1. **Cheng Khor Err**

Food addiction and its associated factors among white collar workers in Small and Medium-sized enterprises (SMEs)

Supervisor: Dr Chin Yit Siew

University: Department of Nutrition and Dietetics, Faculty of Medicine & Health Sciences, Universiti Putra Malaysia

2. **Syaznie Enre**

Motivators and Barriers in Weight Reduction Among Overweight and Obese Adults in Alor Gajah, Malacca: A Qualitative Study

Supervisor: Prof Dr Ruzita Abd Talib

University: Nutrition Science Programme, School of Healthcare Sciences, Faculty of Health Sciences, UKM Kuala Lumpur

3. **Erliza Nur Bt Md Kamarulzaman**

The association between eating habits and physical activity with depression among school-going adolescents in Kelantan

Supervisor: Dr Soo Kah Leng

University: Nutrition and Dietetics Programme, School of Health Sciences, Universiti Sains Malaysia

4. **Ng Yeng Yi**

Association of salivary amylase activity with dietary carbohydrate quality and fasting blood glucose among healthy Indian adults in Malaysia

Supervisor: Dr Sangeetha Shyam

Co-Supervisor: Dr Valsala R & Dr. Snigdha Misra

University: Division of Nutrition & Dietetics, School of Health Sciences, International Medical University



NSM Publication Prizes 2017

The NSM Publication Prizes are aimed at encouraging and promoting local research publications in nutrition science. Prizes are awarded by the Nutrition Society of Malaysia with financial support from Corporate Members of the Society.

Three categories of NSM Publication Prizes were offered in 2017. These are for different fields of nutrition research, namely: Maternal Nutrition; Dairy Nutrition and Mobility and Musculoskeletal Health and Nutrition.

Members are encouraged to apply for these Publication Prizes which are offered in 2018. The announcements for these prizes are given in this Programme book. Further updates on these prizes shall be announced in the NSM website in 2018: www.nutriweb.org.my.

NSM Publication Prize: Maternal Nutrition

For the Publication Prize in the field of Maternal Nutrition, for the year 2016-2018, these prizes are sponsored by Fonterra Brands (M) Sdn Bhd. The intention was to provide one award each year, each to carry a cash prize of RM2,000 and a certificate by NSM.

For the year 2017, one application was received for this category. The Selection Committee decided not to award the publication prize to the applicant.

NSM Publication Prize: Dairy Nutrition

For the Publication Prize in the field of Dairy Nutrition, for the year 2016-2018, these prizes are sponsored by Fonterra Brands (M) Sdn Bhd. There shall be one award each year, each to carry a cash prize of RM2,000 and a certificate by NSM.

For the year 2017, three applications were received for this Prize. The Selection Committee decided to award prizes to two of the applicants as follows:

Name of recipient: **Emeritus Prof Dr Khor Geok Lin** (L 006)
Department of Nutrition and Dietetics, International Medical University, Kuala Lumpur

Publication: Correlation between dietary intake and serum ganglioside concentrations: a cross sectional study among Malaysian toddlers.
BMC Nutrition 2:74, 2016; DOI: 10.1186/s40795-016-0113-3

Name of recipient: **Dr Mohd Redzwan Sabran** (O 2238)
Department of Nutrition and Dietetics, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia

Publication: Effect of supplementation of fermented milk drink containing probiotic *Lactobacillus casei* Shirota on the concentrations of aflatoxin biomarkers among employees of Universiti Putra Malaysia: a randomised, double-blind, cross-over, placebo-controlled study.
British J of Nutrition 115:39–54, 2016; DOI:10.1017/S0007114515004109

NSM Publication Prize: Mobility and Musculoskeletal Health and Nutrition

For the Publication Prize in the field of Mobility and Musculoskeletal Health and Nutrition, for the year 2016-2018, these prizes are sponsored by Fonterra Brands (M) Sdn Bhd. There shall be 1 award each year, each to carry a cash prize of RM2,000 and a certificate by NSM.

For the year 2017, no applications for this Prize were received.

Announcements of NSM Publication Prizes 2018

Applications are invited for:

1. Maternal Nutrition

Members of the Nutrition Society of Malaysia (NSM) are invited to apply for the NSM Publication Prize: Maternal Nutrition

Objective:

To encourage and promote local research publications in the field of maternal nutrition.

The Prize:

There shall be a maximum of 1 award each year, each to carry a cash prize of RM2,000 and a certificate by the NSM. For the years 2016-2018, this Prize shall be sponsored by Fonterra Brands (M) Sdn Bhd.

Applications for the Prize:

Members of NSM are invited to submit their publications following a prescribed procedure given below. Applications shall be considered by a Selection Committee. The selection shall be based on a set of prescribed criteria described below.

Presentation of awards:

Prizes are to be presented during the opening ceremony of the Annual Scientific Conference of the Nutrition Society of Malaysia. Winners shall be invited to attend the ceremony, at his/her own expense, to receive the prize from the Guest of Honour officiating the opening ceremony.

Application procedure:

1. The NSM Council shall invite applications for the Publication Prize through NutriWeb (www.nutriweb.org.my), research institutions, academia and government departments.
2. Applicants must be Malaysian citizens and Ordinary (with no outstanding membership fees) or Life members of NSM.
3. Deadline for receipt of applications shall be announced in NSM website.
4. Applicants must submit 10 copies of each published paper and the following details for consideration by the Selection Committee:
 - a. Name
 - b. NSM membership number
 - c. Address of work place
 - d. Address for correspondence
 - e. Email, phone and fax
 - f. A note indicating intent to apply for consideration for the publication prize and stating the number of publications submitted as well as the full details of each publication (author(s), title of publication, journal details)
5. Provide a statement stating why the submitted publication(s) should be considered for the Prize, pointing out, for example, significance of study and findings, its usefulness and impact.



Announcements of NSM Publication Prizes 2018

- All applications must reach the President at the following address before the stipulated deadline:
President
Nutrition Society of Malaysia
c/o 46, Jalan SS22/32
47400 Petaling Jaya
Selangor DE
- All documents stated in items 4 and 5 should also be emailed to the President at: president@nutriweb.org.my to reach him before the deadline stated.

Criteria for Selection:

- Publication(s) submitted for consideration by the Selection Committee must be in the field of maternal nutrition in the Malaysian context, arising from human intervention, epidemiology or clinical studies or critical reviews.
- The publication(s) must be in the English language, published in a peer reviewed journal, in the year 2010 and later. There is no limit to the number of publications submitted for consideration.
- The applicant must be the first author of the publication(s) submitted for consideration.
- Selection of winners shall be based on multiple criteria, including relevance to focus area of Publication Prize, relevance to national nutrition scene, soundness of research methodology and overall presentation of the publication.
- Criteria for selection may be amended from time to time by the NSM Council.
- Decision of the Selection Committee is final.

5 May 2017

2. Dairy Nutrition

Members of the Nutrition Society of Malaysia (NSM) are invited to apply for the NSM Publication Prize: Dairy Nutrition.

Objective:

To encourage and promote local research publications in the field of dairy nutrition.

The Prize:

There shall be a maximum of 1 award each year, each to carry a cash prize of RM2,000 and a certificate by the NSM. For the years 2016-2018, this Prize shall be sponsored by Fonterra Brands (M) Sdn Bhd.

Applications for the Prize:

Members of NSM are invited to submit their publications following a prescribed procedure given below. Applications shall be considered by a Selection Committee. The selection shall be based on a set of prescribed criteria described below.

Announcements of NSM Publication Prizes 2018

Presentation of awards:

Prizes are to be presented during the opening ceremony of the Annual Scientific Conference of the Nutrition Society of Malaysia. Winners shall be invited to attend the ceremony, at his/her own expense, to receive the prize from the Guest of Honour officiating the opening ceremony.

Application procedure:

1. The NSM Council shall invite applications for the Publication Prize through NutriWeb (www.nutriweb.org.my), research institutions, academia and government departments.
2. Applicants must be Malaysian citizens and Ordinary (with no outstanding membership fees) or Life members of NSM.
3. Deadline for receipt of applications shall be announced in NSM website.
4. Applicants must submit 10 copies of each published paper and the following details for consideration by the Selection Committee:
 - a. Name
 - b. NSM membership number
 - c. Address of work place
 - d. Address for correspondence
 - e. Email, phone and fax
 - f. A note indicating intent to apply for consideration for the publication prize and stating the number of publications submitted as well as the full details of each publication (author(s), title of publication, journal details)
5. Provide a statement stating why the submitted publication(s) should be considered for the Prize, pointing out, for example, significance of study and findings, its usefulness and impact.
6. All applications must reach the President at the following address before the stipulated deadline:

President
Nutrition Society of Malaysia
c/o 46, Jalan SS22/32
47400 Petaling Jaya
Selangor DE
7. All documents stated in items 4 and 5 should also be emailed to the President at: president@nutriweb.org.my to reach him before the deadline stated.

Criteria for Selection:

1. Publication(s) submitted for consideration by the Selection Committee must be in the field of dairy nutrition in the Malaysian context, arising from human intervention, epidemiology or clinical studies or critical reviews.
2. The publication(s) must be in the English language, published in a peer reviewed journal, in the year 2010 and later. There is no limit to the number of publications submitted for consideration.
3. The applicant must be the first author of the publication(s) submitted for consideration.
4. Selection of winners shall be based on multiple criteria, including relevance to focus area of Publication Prize, relevance to national nutrition scene, soundness of research methodology and overall presentation of the publication.



Announcements of NSM Publication Prizes 2018

5. Criteria for selection may be amended from time to time by the NSM Council.
6. Decision of the Selection Committee is final.

5 May 2017

3. Mobility and Musculoskeletal Health and Nutrition

Members of the Nutrition Society of Malaysia (NSM) are invited to apply for the NSM Publication Prize: Mobility and Musculoskeletal Health and Nutrition

Objective:

To encourage and promote local research publications in the field of Mobility & Musculoskeletal Health & Nutrition.

The Prize:

There shall be a maximum of 1 award each year, each to carry a cash prize of RM2,000 and a certificate by the NSM. For the years 2016-2018, this Prize shall be sponsored by Fonterra Brands (M) Sdn Bhd.

Applications for the Prize:

Members of NSM are invited to submit their publications following a prescribed procedure given below. Applications shall be considered by a Selection Committee. The selection shall be based on a set of prescribed criteria described below.

Presentation of awards:

Prizes are to be presented during the opening ceremony of the Annual Scientific Conference of the Nutrition Society of Malaysia. Winners shall be invited to attend the ceremony, at his/her own expense, to receive the prize from the Guest of Honour officiating the opening ceremony.

Application procedure:

1. The NSM Council shall invite applications for the Publication Prize through NutriWeb (www.nutriweb.org.my), research institutions, academia and government departments.
2. Applicants must be Malaysian citizens and Ordinary (with no outstanding membership fees) or Life members of NSM.
3. Deadline for receipt of applications shall be announced in NSM website.

Announcements of NSM Publication Prizes 2018

4. Applicants must submit 10 copies of each published paper and the following details for consideration by the Selection Committee:
 - a. Name
 - b. NSM membership number
 - c. Address of work place
 - d. Address for correspondence
 - e. Email, phone and fax
 - f. A note indicating intent to apply for consideration for the publication prize and stating the number of publications submitted as well as the full details of each publication (author(s), title of publication, journal details)
5. Provide a statement stating why the submitted publication(s) should be considered for the Prize, pointing out, for example, significance of study and findings, its usefulness and impact.
6. All applications must reach the President at the following address before the stipulated deadline:
President
Nutrition Society of Malaysia
c/o 46, Jalan SS22/32
47400 Petaling Jaya
Selangor DE
7. All documents stated in items 4 and 5 should also be emailed to the President at: president@nutriweb.org.my to reach him before the deadline stated.

Criteria for Selection:

1. Publication(s) submitted for consideration by the Selection Committee must be in the field of nutrition of Malaysian infant and children (up to 18 years), arising from human intervention, epidemiology or clinical studies or critical reviews.
2. The publication(s) must be in the English language, published in a peer reviewed journal, in the year 2011 and later. There is no limit to the number of publications submitted for consideration.
3. The applicant must be the first author of the publication(s) submitted for consideration.
4. Selection of winners shall be based on multiple criteria, including relevance to focus area of Publication Prize, relevance to national nutrition scene, soundness of research methodology and overall presentation of the publication.
5. Criteria for selection may be amended from time to time by the NSM Council.
6. Decision of the Selection Committee is final.

5 May 2017



**1st Southeast Asia
Public Health Nutrition Conference**
In conjunction with Nutrition Society of Malaysia
32nd Annual Scientific Conference
May 14 – 17, 2017 • Hotel Istana, Kuala Lumpur, Malaysia

Acknowledgement

The Southeast Asia Public Health Nutrition (SEA-PHN) Network gratefully acknowledges contributions from the following to the 1st SEA-PHN Conference 2017:

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SPONSOR FOR YOUNG RESEARCHERS' AWARDS & NSM POSTER COMPETITION 2017

International Life Sciences Institute Southeast Asia Region

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CONTRIBUTION TO TRAVEL BURSARY FOR YOUNG NUTRITIONISTS

Dutch Lady Milk Industries Berhad



organised by



Nutrition Society of Malaysia

corporate partner



1st Malaysia Nutrition Leadership Programme 2017

Enhance Your Management,
Communication & Leadership Skills



**Application is Now Open!
Calling Young Nutritionists!**

Young, aspiring professionals in the field of food and nutrition are invited to submit their application to be selected as part of the inaugural Nutrition Leadership Programme, initiated by the Nutrition Society of Malaysia.

The Programme focuses on honing the participants' application of soft-skills and acquiring the requisite knack towards enhancing leadership competency among nutrition professionals.

Date:

**4 – 8 August 2017
(Fri-Tue)**

Venue:

**Eagle Ranch Resort,
Port Dickson,
Negeri Sembilan**

www.eagleranch.com.my

WHO SHOULD ATTEND

- ✓ Aged 40 years and below
- ✓ Possess a Master's Degree OR a minimum of 5 years working experience in food and nutrition
- ✓ Proficient in English Language
- ✓ Highly motivated individuals and demonstrate a passion in the field of nutrition

COURSE STRUCTURE

1. SELF-DISCOVERY

- Awaken the superhero within!
- Who am I?
- Engaging and influencing people

2. COMMUNICATING EFFECTIVELY

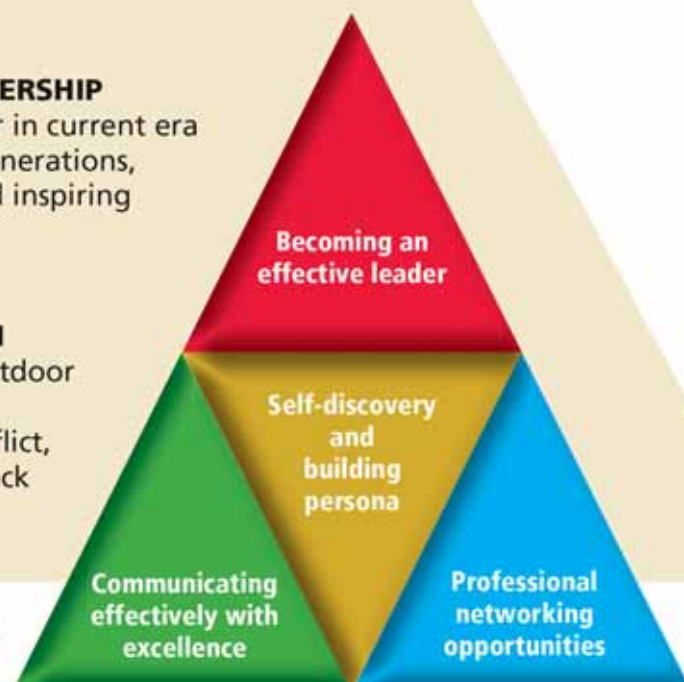
- The art of engaging and conversing
- Bringing presentation skills to life

3. EFFECTIVE LEADERSHIP

- Profile of a leader in current era
- Leading across generations, building trust and inspiring people

4. CREATING AN EFFECTIVE TEAM

- Team-building outdoor adventures
- Dealing with conflict, confrontations, lack of motivation



Professional trainers will be conducting modules through lectures, games, role play, case studies and discussions.

About MyNLP

The MyNLP is an initiative and brainchild of the Nutrition Society of Malaysia with the objective of assisting the development of future leaders in the field of human nutritional sciences in Malaysia through proper training. Realizing there is a need to enhance leadership skills and foster greater communication and networking among young nutrition professionals (who are in the early-mid career), MyNLP is established to provide knowledge and skills towards enhancing leadership competency among nutrition professionals. It is envisioned that MyNLP is able to provide a platform of convergence to connect and provide networking opportunities among food and nutrition professionals across the country and also within the South-East Asian region.

Important Dates:

Application Opens From:

31 Mar, 2017

Application Closes On:

4 Jun, 2017

Notification of Acceptance & Accept Offer:

16-21 Jun, 2017

Pay Deposit or Full Course Fees:

4 Jul, 2017

Course Commences:

4 Aug, 2017

Course Fees*

Government sector:

RM2,000 / pax

(ministries and agencies, public institutions of higher learning, research institutions, healthcare facilities)

Private sector:

RM4,000/ pax

(industries, institutions of higher learning, research institutions, healthcare facilities)

* Registration fee covers seminar material, F&B (full-board – 5D, 4N basis) and accommodation (twin sharing). Fee excludes traveling of participants to course venue. The course fee is heavily subsidised by NSM especially for participants from the government sector.

This is a unique programme to groom young nutrition talents with leadership competencies.

Important Notes:

1. Only a limited number of participants shall be accepted.
2. Please apply by completing the application form (download from NSM's website) and attach a written Personal Statement (not more than 500 words), on why you wish to be a participant in this programme, and a particular aspect of nutrition which you are highly passionate about. Email your application to: secretary@nutriweb.org.my
3. Priority shall be accorded to members of Nutrition Society of Malaysia.
4. The top 2 applicants with the best written Personal Statement (as judged by the Council Members of Nutrition Society Malaysia) will be able to participate in the Programme at a discounted rate amounting to 50% off the Normal Course Fees.

For more information, visit: www.nutriweb.org.my

For enquiries, contact: Dr Mahenderan Appukutty / Muhaini Hussin / Nurul Asyikin

Email: secretary@nutriweb.org.my / mynlp@nutriweb.org.my

More flavor with less salt. With umami seasoning AJI-NO-MOTO[®], you can!

Excessive salt in your diet can put your health at serious risk from high blood pressure, heart attack and even stroke. A low-sodium diet is critical to the health of patients suffering from these and other ailments as well as the elderly.

AJI-NO-MOTO[®] with the umami taste properties of monosodium glutamate (MSG) helps you cut back on salt intake and still enjoy flavorful foods.

Here are some findings of studies that show how the pure glutamate content of AJI-NO-MOTO[®] helps reduce sodium by replacing part of the salt with MSG.

Pure MSG enhances the palatability of a Japanese clear soup.



A small quantity of sodium glutamate (the same amino acid present in AJI-NO-MOTO[®]) improved the palatability of a Japanese clear soup prepared with a reduced amount of table salt. When MSG is used, the content of salt can be reduced as much as a 30% without the loss of taste.¹⁾

Even if you must suddenly reduce salt intake, soups can still taste good with MSG.



Salt is often used as a flavor-enhancer, so a sudden reduction of salt in food preparation causes an initial decline in the taste of foods. It is possible to overcome this effect by adding a moderate amount of MSG to low-salt soups. Different soups like leek-potato, minestrone, lentil or mushroom soups with a low amount of salt can be made more palatable and have higher taste intensity with MSG.²⁾

Other glutamate salts also enhance the taste of low-salt foods.



MSG and other glutamate salts share a unique characteristic: taste enhancement! With MSG, you not only enjoy a low-salt diet without sacrificing delicious taste, but also benefit from enjoying every savory bite and getting the full nutritional value of the meal. People under strict sodium restrictions due to illness or other reasons can use calcium di-glutamate instead of MSG for tasty umami-rich dishes without any added sodium seasoning.^{3), 4)}

MSG is your tasty ally in the pursuit of a low-salt life.



We all know a low-salt diet is an effective way to enjoy a healthier dietary life. But like many things, it is easier said than done. However, as noted in a report issued by the Committee on Strategies to Reduce Sodium Intake, IMO*, "...it is possible to maintain food palatability with a lowered overall sodium level in a food when MSG is substituted for some of the salt." These benefits were also introduced in a white paper issued by the Academy of Nutrition and Dietetics.

*IMO: Institute of Medicine of the National Academies, USA.

1) Yamaguchi S. and Takahashi C. "Interactions of monosodium glutamate and sodium chloride on saltiness and palatability of a clear soup" *J. Food Sci.* **49**, 82-85 (1984)

2) Roininen L. et al. "Effect of umami taste on Pleasantness of low-salt soups during repeated testing" *Physiol. Behav.* **60**, 953-958 (1996)

3) Ball P. et al. "Calcium diglutamate improves taste characteristics of lower-salt soup" *EJCN*. **56**, 519-523 (2002)

4) Carter BE. et al. "The sensory optimum of chicken broths supplemented with calcium di-glutamate a possibility for reducing sodium while maintaining taste" *Food Qual. Pref.* **22**, 699-703 (2011)



The BENEIO-Institute – A network of minds. Knowledge to connect nutrition and health.

We never stop looking for new solutions to make nutrition better and healthier. You want to have access to the latest scientific research and legislation related to BENEIO's fibres and functional carbohydrates? Let us answer your questions regarding physiology, nutrition and regulatory affairs. **The BENEIO-Institute – centre of expertise based on substantiated science.**

Join our Lunch Symposium:

Improving metabolism and health – What role can prebiotic fibres and slow-release carbohydrates play?

15th May 2017, 01:00 – 02:00 pm
Hotel Istana, Room Mahkota I

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4-Step Nutri Plan™



4-6 years old



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4-Step Nutri Plan™ includes Dutch Lady® Curious®, Explore®, Create® and Learn® formulated milk powder for children.
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-  Protein
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The right nutrition and interaction may help in brain cells connections.

Let's help them to Grow Amazing!

References:

1. Bruner C, Elias V, Stein D, & Stephanie S. (2004). *Early learning left out: An examination of public investments in education and development by child age*. Voices for America's Children and the Child and Family Policy Center.
2. Ozar M. (2012). Curriculum of Preschool Education- Swedish Approach. *International Journal of Business and Social Science*. 3(22), 248-257.
3. For Our Babies. (2014). The baby brain: Ten Myths. Retrieved from: https://forourbabies.org/ccts/downloads/forourbabies_brainmyths.pdf

^{*}GA[®] refers to Gangliosides.
[^]Compared to previous formulation.

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Ask #WhatsInTheMilk

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Learn about gut microbiome and emerging research regarding its role in health and disease with renowned bacterial ecologist, Professor Cindy Nakatsu, PhD (Purdue University, USA). Dr. Nakatsu will also explore the influence of diet, especially prebiotic fibres in modulating gut microbiota during the session. "Gut Microbiome, Prebiotics and Health Implications".

Date: Monday, 15th May, 2017

Time: 1:00 - 2:00 PM

Ballroom: Mahkota III

Open to registered SEA-PHN conference participants

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eLearning for Healthcare Professionals

The Early Nutrition eAcademy Southeast Asia (ENeA^{SEA}) develops innovative eLearning for practicing doctors in the field of early nutrition.

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SEA-PHN

Southeast Asia Public Health Nutrition Network

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The **Southeast Asia Public Health Nutrition (SEA-PHN)** Network is a partnership of key stakeholders in the region, namely nutrition societies, government agencies to promoting public health nutrition among the population and alleviating nutrition problems in the region.

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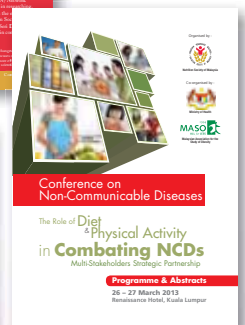
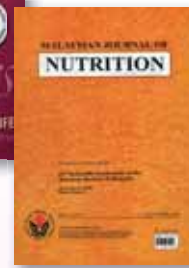
Nutrition Society of Malaysia

IMPROVING LIVES through **NUTRITION**

Objectives & Activities 1:

Promote, advance and disseminate scientific knowledge of food and nutrition

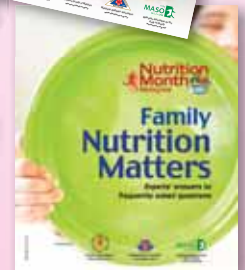
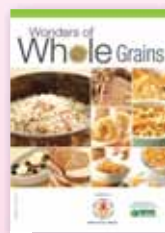
- Organise scientific conferences/seminars
- Publish Malaysian Journal of Nutrition/Berita NSM
- Consultation with health, regulatory & scientific bodies
- Research on specific community groups



Objectives & Activities 2:

Promote healthy nutrition and active living amongst the community

- Conduct roadshows, exhibitions, talks & workshops for the public
- Implement community nutrition programmes, e.g. Nutrition Month Malaysia,
- Publish educational materials



For more information:

www.nutriweb.org.my

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