

# 3<sup>RD</sup> ASIA DENGUE SUMMIT 2018

4 – 6 JUL 2018 • BERJAYA TIME SQUARE HOTEL, KUALA LUMPUR, MALAYSIA



## Workshops: Pre-Summit

**Date:** Wednesday 4th July 2018  
**Venue:** Berjaya Time Square Hotel  
**Time:** 09:00-13:00 Workshop 1 (Cost effectiveness)  
**Time:** 14:00-17:00 Workshop 2 (Immunology)

### Pre Summit Workshops 1

- 09:00-13:00 Vaccine cost effectiveness measures – basics and mathematics  
*Asrul Akmal Shafie (Malaysia)*
- 09:00-09:15 Workshop overview and rational  
*Asrul Akmal Shafie (Malaysia)*
- 09:15-10:15 Importance and challenges of determining cost effectiveness for vaccine  
*Hilton Lam (Philippines)*
- 10:15-10:45 Tea break
- 10:45-11:15 Exercise  
*Asrul Akmal Shafie (Malaysia)*



- 11:15-12:00 Modelling in economic evaluation of vaccine  
(Why, What, How)  
*Hilton Lam (Philippines)*
- 12:00-12:30 Q&A and Wrap up  
*All*



## Pre Summit Workshops 2

- 14:00-17:00 Immunology of dengue infections and characteristics of the immune response – implications for vaccines and therapeutics  
Coordinator: *Shamala Devi*
- 14:00-14:15 Workshop overview  
*Shamala Devi (Malaysia)*
- 14:15-14:45 *Donald Shepard (USA)*
- 14:45-15:15 *Ashley St John (Singapore)*
- 15:15-15:45 *Maria Rosario Capeding*
- 15:45-16:00 Tea Break
- 17:00-17:30 Panel Discussion



## Faculty Dinner

- 18:00-21:00 (Closing and Tea)



## Day 1 - Thursday 5th July 2018

- 08:45-09:00 Welcome Address  
*Zulkifli Ismail (Malaysia),  
Maria Rosario Capeding (Philippines)*
- 09:00-09:30 Opening Address  
*YBhg Dato' Dr Hj Azman Bin Hj. Abu Bakar  
(Deputy Director General of Health, Ministry of Health Malaysia)*

## Session 1: Dengue Disease Burden and Surveillance

- Moderators: *Duane Gubler, Rose Capeding*
- 09:30-10:00 Plenary Lecture P1.1: Dengue disease burden in the young and old: Updates on population-based disease burden of dengue  
*Donald Shepard (USA)*
- 10:00-10:30 Plenary Lecture P1.2: Addressing the issue of asymptomatic dengue: How can we bridge the gap?  
*Anavaj Sakuntabhai (France)*
- 10:30-10:45 Tea Break

## Symposium S1: Dengue Surveillance

- Moderators: *Chong Chee Keong, Sri Rezeki Hadinegoro*
- 10:45-11:00 S1.1 Dengue surveillance: Where do we stand in Asia  
*Hashitha Tissera (Sri Lanka)*
- 11:00-11:15 S1.2 How can we achieve an integrated surveillance system, across Asia?  
*In-Kyu Yoon (South Korea)*
- 11:15-11:30 S1.3 Digital surveillance: Is it feasible in Asia  
*Syed Sharizman (Malaysia)*

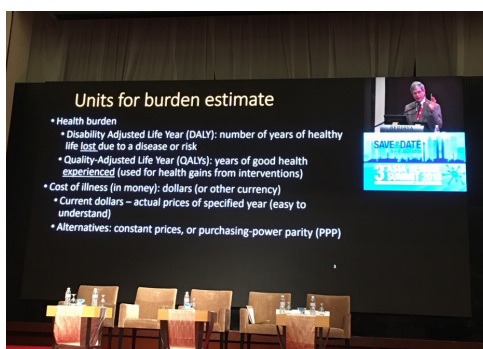


- 11:30-11:45 S1.4 Dengue Surveillance – Pakistan Experience  
*Somia Iqtadar (Pakistan)*
- 11:45-12:00 Discussion
- 12:00-13:30 Industry Lunch Symposium - Sanofi

## Session 2: Diagnostics and Dengue Management

- 13:30-14:00 Plenary Lecture P2: Evolution of dengue viruses through the annual outbreaks  
*Moderator: Zulkifli Ismail*  
*Duane Gubler (USA)*

## Symposium 2: Diagnostics and Dengue Management



- Moderators: *Syed Sharizman, Daniel Goh*
- 14:00-14:20 S2.1 Dilemmas in Dengue diagnosis - Clinical  
*Usa Thisyakorn (Thailand)*
- 14:20-14:40 S2.2 Update of dengue case classification  
*Olaf Horstick (Germany)*
- 14:40-15:10 S2.3 Proactive management of the dynamic phases of dengue  
*Lucy Lum (Malaysia)*
- 15:10-15:30 S2.4 Herd Immunity in Recurring Dengue Outbreaks?  
*Sazaly bin Abu Bakar (Malaysia)*
- 15:30-15:45 Q&A
- 15:45-16:00 Tea Break

## Sympisium 3: Laboratory diagnosis of dengue

- Moderators: *Yasmin Malek, Lulu Brovo*
- 16:00-16:20 S3.1 How reliable are laboratory diagnosis methods for arboviral diseases?  
*ButsayaThaisomboonsuk (Thailand)*
- 16:20-16:40 S3.2 Study on Markers of Severe Dengue  
*Ravindran Thayan (Malaysia)*
- 16:40-17:00 S3.3 Pre-vaccination testing – reliability and practicality  
*Chukiat Sirivichayakul (Thailand)*

17:00-17:15

Q & A

17:15

Closing of Day 1

*Zulkifli Ismail (Malaysia)*

19:00-22:00

Summit Dinner – Manhattan Room V, Level 14, Berjaya Time Square Hotel

## Day 2 - Friday 6th July 2018



08:00-08:30

Registration

08:30-08:40

Welcome back!

*Zulkifli Ismail (Malaysia)*

*Maria Rosario Capeding (Philippines)*

08:40-09:10

Plenary Lecture P4: Overview of Dengue in Adults

Moderators: *Zulkifli Ismail, Rose Capeding*

*Terapong Tantawichien (Thailand)*



### Session 4

#### Symposium 4: Critical care management of dengue in Adults

Moderators:

*Terapong Tantawichien, Mahiran Mustafa*

09:10-09:25

S4.1 Thailand Experience

*Nattchai Srisawat (Thailand)*

09:25-09:40

S4.2 Malaysia Experience

*Shanthi Ratnam (Malaysia)*

09:40-09:55

S4.3 Philippines Experience

*Edsel Maurice Salvana (Philippines)*

09:55-10:10

S4.4 Indonesia Experience

*Erni Juwita Nelwan (Indonesia)*

10:10-10:30

Q&A

10:30-10:45

Tea Break



### Session 5: Dengue Vector Control Strategies

10:45-11:15

Plenary Lecture P5: Review on the global vector control strategies – The good the bad and the ugly

Moderator: *Lee Han Lim*

*Olaf Horsttick (Germany)*



### Symposium 5: Dengue Vector Control Strategies

Moderators:

*Duane Gubler, Rahmat Batari*

11:15-11:35

S5.1 Breakthroughs in dengue vector control

*Lee Han Lim (Malaysia)*

11:35-12:05

S5.2 Wolbachia - The Asian Experience



11:35-11:45	a. Singapore <i>Chong Chee Seng (Singapore)</i>
11:45-11:55	b. Malaysia <i>Fadzilah Kamaludin (Malaysia)</i>
11:55-12:05	c. Indonesia <i>Adi Utarini (Indonesia)</i>
12:05-12:25	S5.3 Sterile Insect Technique – Repurposing for Aedes Control <i>Nazni Bt Wasi Ahmad (Malaysia)</i>
12:25-12:35	Q&A
12:45-13:35	ADVA Lunch Symposium Moderators: <i>Lucy Lum, Sally Gatchalian</i> 1. Advocacy and communications in dengue prevention TAKE PIRORITY <i>Lulu Bravo (Philippines)</i> 2. Mobilizing resources and political support for dengue control - Lessons from malaria <i>Benjamin Rolfe (Singapore)</i>
13:35-14:00	Friday Prayer

### Session 6: Dengue Vaccines and their future

14:00-14:30	Plenary Lecture P6. Current Status of Dengue Vaccines – Challenges and Opportunities Moderators: <i>Tikki Pangestu, Zulkifli Issmail</i> <i>Donald Shepard (USA)</i>
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### Symposium 6: Dengue Vaccines and their future

Moderators:	<i>Tikki Pangestu, Zulkifli Issmail</i>
14:30-15:30	S6.1 Dengue vaccines – update of vaccine pipelines Representative from: 1. Sanofi Anh Wartel-Tram 2. Takeda Gary Dubin 3. MSD Cathy Hoath
15:30-15:50	S6.2 Update on dengue vaccination from the Philippines <i>Juliet Sio-Aguilar (Philippines)</i>
15:50-16:10	S6.3 Guideline for Dengue Vaccination <i>Sri Rezeki Hadinegoro (Indonesia)</i>
16:10-16:40	Plenary 6.2 Road map to Freedom from Dengue Moderator: <i>In-Kyu Yoon</i> <i>Pratap Singhasivanon (Thailand)</i>
16:40-17:00	Closing and Tea <i>Zulkifli Ismail (Malaysia)</i> <i>Maria Rosario Capeding (Philippines)</i>

