

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

CPD points eligible

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

Dear Colleagues,

On behalf of the Asia Dengue Summit Organising Committee, we are pleased to invite you to the 3rd Asia Dengue Summit to be held from 5th to 6th July 2018 in Kuala Lumpur, Malaysia.

Riding on the overwhelming success of the past two Asia Dengue Summits, the organising committee is geared for the 3rd Asia Dengue Summit. The summit will provide a unique opportunity for everyone in the dengue community (clinicians, researchers, government public health leaders and policymakers) to come together to exchange ideas, updates and achievements on dengue management strategies for the region.

The 3rd Asia Dengue Summit is co-convened by ADVA, Global Dengue and Aedes transmitted Diseases Consortium (GDAC), Southeast Asian Ministers of Education Tropical Medicine and Public Health Network (SEAMEO TROPMED) and Fondation Mérieux. The Summit is supported locally by the Malaysian Society of Infectious Diseases and Chemotherapy and the Malaysian Paediatric Association. Along with dengue experts from academies and research institutions, representatives from the Ministries of Health, the regional and global World Health Organization (WHO), the Asian Dengue Vaccination Advocacy (ADVA), the Southeast Asian Ministers of Education Organization Tropical Medicine and Public Health Network (SEAMEO TROPMED), Global Dengue and Aedes transmitted Diseases Consortium (GDAC), the International Vaccine Institute (IVI), the Fondation Mérieux (FMx) and others will participate to provide a broad overview of the current status of dengue and its management across Asia.

Dengue has gripped our region for many decades and it continues to remain a global threat. Concerted efforts on educating the public, implementing vector control and advocacy for dengue vaccination are important means of dealing with this mammoth problem. At the Asia Dengue Summit, dengue experts from across the region (and worldwide) will be invited to participate and discuss about the current issues that surround dengue disease management and propose strategies that can enhance dengue control. Such a wide representation of key stakeholders will help throw light on the burden of dengue, its management, new vector control strategies and successful vaccine introduction across the region.

The local organizing committee is working relentlessly to make this summit a fruitful platform of learning and collaboration. I urge you to come and join us in Kuala Lumpur and take home with you valuable insights on dengue management and the many wonderful sights, sounds and experiences from the scenic country!

Warmest Regards,

**Datuk Prof. Zulkifli Ismail**  
Organizing Chairperson  
3rd Asia Dengue Summit

**Dr Maria Rosario Capeding**  
Chairperson  
Asian Dengue Vaccination Advocacy

## SCIENTIFIC COMMITTEE:

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## LOCAL ORGANISING COMMITTEE:

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More information available at: [www.asiadenguesummit.org](http://www.asiadenguesummit.org)

Write in to [info@adva.asia](mailto:info@adva.asia) for any queries

## Workshops: Pre-Summit

**Date:** Wednesday 4th July 2018  
**Venue:** Berjaya Time Square Hotel  
**Time:** 9am – 1pm Workshop 1 (Cost effectiveness)  
**Time:** 2:00pm – 5pm Workshop 2 (Immunology)

### Pre Summit Workshops 1

TIME	PROGRAMME	COORDINATOR / SPEAKER
9:00-13:00	Vaccine cost effectiveness measures – basics and mathematics	Asrul Akmal Shafie (Malaysia)
9:00-9:15	Workshop overview and rationale	Asrul Akmal Shafie (Malaysia)
9:15-10:15	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

TIME	PROGRAMME	COORDINATOR / SPEAKER
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	<i>Shamala Devi (Malaysia)</i>
14:15-14:45		<b>Donald Shepard (USA)</b>
14:45-15:15		<b>Ashley St John (Singapore)</b>
15:15-15:45		<b>Maria Rosario Capeding</b>
15:45-16:00	Tea Break	
16:00-16:30		
17:00-17:30	Panel Discussion	

### Faculty Dinner

Time: 18:00 – 21:00 (Closing and Tea)

## Day 1 - Thursday 5<sup>th</sup> July 2018

TIME	TOPICS	SPEAKERS/MODERATORS
8:45 – 9:00	Welcome Address	Zulkifli Ismail ( <i>Malaysia</i> ) Maria Rosario Capeding ( <i>Philippines</i> )
9:00 – 9:30	Opening Address	YBhg Dato' Dr Hj Azman Bin Hj. Abu Bakar ( <i>Deputy Director General of Health, Ministry of Health Malaysia</i> )
Session 1: Moderators: Dengue Disease Burden and Surveillance Duane Gubler, Rose Capeding		
9:30 – 10:00	Plenary Lecture P1.1: Dengue disease burden in the young and old: Updates on population-based disease burden of dengue	Donald Shepard ( <i>USA</i> )
10:00 – 10:30	Plenary Lecture P1.2: Addressing the issue of asymptomatic dengue: How can we bridge the gap?	Anavaj Sakuntabhai ( <i>France</i> )
10:30 – 10:45	Tea Break	
Symposium S1: Moderators: Dengue Surveillance Chong Chee Keong, Sri Rezeki Hadinegoro		
10:45 – 11:00	S1.1 Dengue surveillance: Where do we stand in Asia	Hashitha Tissera ( <i>Sri Lanka</i> )
11:00 – 11:15	S1.2 How can we achieve an integrated surveillance system, across Asia?	In-KyuYoon ( <i>South Korea</i> )
11:15 – 11:30	S1.3 Digital surveillance: Is it feasible in Asia	Syed Sharizman ( <i>Malaysia</i> )
11:30 – 11:45	S1.4 Dengue Surveillance – Pakistan Experience	Somia Iqtadar ( <i>Pakistan</i> )
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 ( <i>USA</i> )
Symposium 2: Moderators: Diagnostics and Dengue Management Syed Sharizman, Daniel Goh		
14:00 – 14:20	S2.1 Dilemmas in Dengue diagnosis - Clinical	Usa Thisyakorn ( <i>Thailand</i> )
14:20 – 14:40	S2.2 Update of dengue case classification	Olaf Horstick ( <i>Germany</i> )
14:40 – 15:10	S2.3 Proactive management of the dynamic phases of dengue	Lucy Lum ( <i>Malaysia</i> )
15:10 – 15:30	S2.4 Herd Immunity in Recurring Dengue Outbreaks?	Sazaly bin Abu Bakar ( <i>Malaysia</i> )
15:30 – 15:45	Q&A	
15:45 – 16:00	Tea Break	
Symposium 3: Moderators: Laboratory diagnosis of dengue Yasmin Malek, Lulu Brovo		
16:00 – 16:20	S3.1 How reliable are laboratory diagnosis methods for arboviral diseases?	ButsayaThaisomboonsuk ( <i>Thailand</i> )
16:20 – 16:40	S3.2 Study on Markers of Severe Dengue	Ravindran Thayan ( <i>Malaysia</i> )
16:40 – 17:00	S3.3 Pre-vaccination testing – reliability and practicality	Chukiat Sirivichayakul ( <i>Thailand</i> )
17:00 – 17:15	Q & A	
17:15	Closing of Day 1	Zulkifli Ismail ( <i>Malaysia</i> )
19:00 – 22:00	Summit Dinner – Manhattan Room V, Level 14, Berjaya Time Square Hotel	

## Day 2 - Friday 6<sup>th</sup> July 2018

TIME	TOPICS	SPEAKERS/MODERATORS
08:00 – 08:30	Registration	
08:30 – 08:40	Welcome back!	Zulkifli Ismail ( <i>Malaysia</i> ) Maria Rosario Capeding ( <i>Philippines</i> )
08:40 – 09:10	Plenary Lecture P4: Overview of Dengue in Adults Moderators: Zulkifli Ismail, Rose Capeding	Terapong Tantawichien ( <i>Thailand</i> )
<b>Session 4</b>		
Symposium 4: Critical care management of dengue in Adults Moderators: Terapong Tantawichien, Mahiran Mustafa		
09:10 – 09:25	4.1 Thailand Experience	Nattachai Srisawat ( <i>Thailand</i> )
09:25 – 09:40	4.2 Malaysia Experience	Shanthi Ratnam ( <i>Malaysia</i> )
09:40 – 09:55	4.3 Philippines Experience	Edsel Maurice Salvana ( <i>Philippines</i> )
09:55 – 10:10	4.4 Indonesia Experience	Erni Juwita Nelwan ( <i>Indonesia</i> )
10:10 – 10:30	Q&A	
10:30 – 10:45	Tea Break	
<b>Session 5: Dengue Vector Control Strategies</b>		
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 Horstick ( <i>Germany</i> )
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 ( <i>Malaysia</i> )
	S5.2 Wolbachia - The Asian Experience	
11:35 – 11:45	a. Singapore	Chong Chee Seng ( <i>Singapore</i> )
11:45 – 11:55	b. Malaysia	Fadzilah Kamaludin ( <i>Malaysia</i> )
11:55 – 12:05	c. Indonesia	Adi Utarini ( <i>Indonesia</i> )
12:05 – 12:25	S5.3 Sterile Insect Technique – Repurposing for Aedes Control	Nazni Bt Wasi Ahmad ( <i>Malaysia</i> )
12:25 – 12:35	Q&A	
12:45 – 13:35	ADVA Lunch Symposium Moderators: Lucy Lum, Sally Gatchalian  1. Advocacy and communications in dengue prevention TAKE PIRORITY  2. Mobilizing resources and political support for dengue control - Lessons from malaria	Lulu Bravo ( <i>Philippines</i> )  Benjamin Rolfe ( <i>Singapore</i> )
13:35 – 14:00	Friday Prayer	
<b>Session 6: Dengue Vaccines and their future</b>		
14:00 – 14:30	Plenary Lecture P6. Current Status of Dengue Vaccines – Challenges and Opportunities Moderators: Tikki Pangestu, Zulkifli Ismail	Donald Shepard ( <i>USA</i> )
Symposium 6: Dengue Vaccines and their future Moderators: Tikki Pangestu, Zulkifli Ismail		
14:30 – 15:30	S6.1 Dengue vaccines – update of vaccine pipelines Representative from: 1. Sanofi 2. Takeda 3. MSD	Anh Wartel-Tram Gary Dubin Cathy Hoath
15:30 – 15:50	S6.2 Update on dengue vaccination from the Philippines	Juliet Sio-Aguilar ( <i>Philippines</i> )
15:50 – 16:10	S6.3 Guideline for Dengue Vaccination	Sri Rezeki Hadinegoro ( <i>Indonesia</i> )
16:10 – 16:40	Plenary 6.2 Road map to Freedom from Dengue Moderator: In-Kyu Yoon	Pratap Singhasivanon ( <i>Thailand</i> )
16:40 – 17:00	Closing and Tea	Zulkifli Ismail ( <i>Malaysia</i> ) Maria Rosario Capeding ( <i>Philippines</i> )

Co-convenors:



Local Hosts:



Platinum Sponsors:



Organised by:

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