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Conference

FEATURING OUTBREAK MANAGEMENT

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24 - 26 August 2017

Grand Copthorne Waterfront Hotel

Changing  
Paradigms  
in Infectious  
Diseases



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SINGAPORE  
INTERNATIONAL  
INFECTIOUS DISEASE  
CONFERENCE

2017

CHANGING PARADIGMS IN INFECTIOUS DISEASES

## SPEAKERS

### AUSTRALIA

Prof Peter Collignon  
*Australian National University*

Prof Bart Currie  
*Menzies School of Health Research*

Prof Sharon Lewin  
*The University of Melbourne*

Prof Suresh Mahalingham  
*Griffith University*

David Paterson  
*University of Oxford*

Prof Anton Peleg  
*The Alfred Hospital and Monash University*

Prof Cameron Simmons  
*The University of Melbourne*

Prof Monica Slavin  
*The University of Melbourne*

Dr Kanta Subbarao  
*The University of Melbourne*

Dr Linda Wakim  
*The University of Melbourne*

### BRAZIL

Prof Fabio Costa  
*University of Campinas*

### FRANCE

Prof Anna Bella-Failloux  
*Institut Pasteur*

Dr Isabelle Leparc-Goffart  
*Hospital Instruction Of Armées Laveran*

### HONG KONG

Prof David Hui  
*The Chinese University of Hong Kong*

Prof Malik Peiris  
*The University of Hong Kong*

Dr Andrew TY Wong  
*Centre for Health Protection*

### INDONESIA

Prof Kevin Baird  
*Eijkman Institute for Molecular Biology*

### KOREA

Prof Chung Doo Ryeon  
*Samsung Medical Center*

### MALAYSIA

Prof Adeeba Kamarulzaman  
*University of Malaya*

Prof Lucy Lum  
*University of Malaya*

### SINGAPORE

Dr Louis Chia  
*National University Hospital*

A/Prof Chan Shiao Yng  
*National University Hospital*

Prof Roy Chan  
*National Skin Centre*

A/Prof Cynthia Chee  
*Tan Tock Seng Hospital*

Dr Swaine Chen  
*Agency for Science, Technology and Research (A\*STAR)*

Prof Dale Fisher  
*National University Hospital*

A/Prof Gan Yunn Hwen  
*National University of Singapore*

A/Prof Karina Gin Yew-Hoong  
*National University of Singapore*

Dr Ho Wai-Loon, Calvin  
*National University of Singapore*

A/Prof Andrea Kwa  
*Singapore General Hospital*

Prof Leo Yee Sin  
*Tan Tock Seng Hospital*

A/Prof Raymond Lin  
*National University Hospital*

Dr Sebastian Maurer-Stroh  
*Agency for Science, Technology and Research (A\*STAR)*

A/Prof Niranjan Nagarajan  
*Agency for Science, Technology and Research (A\*STAR)*

A/Prof Ng Lee Ching  
*National Environment Agency's Environmental Health Institute*

Dr Catherine Ong Wei Min  
*National University Hospital*

Dr Rick Ong Twee Hee  
*National University of Singapore*

Prof Ooi Eng Eong  
*Duke-NUS Medical School*

Dr Norman Pavelka  
*Agency for Science, Technology and Research (A\*STAR)*

Prof Laurent Renia  
*Agency for Science, Technology and Research (A\*STAR)*

A/Prof Gavin Smith  
*Duke-NUS Medical School*

Prof Paul Anantharajah Tambyah  
*National University Hospital*

A/Prof Tan Ban Hock  
*Singapore General Hospital*

Prof Wang Linfa  
*Duke-NUS Medical School*

Dr Wang Yue  
*Agency for Science, Technology and Research (A\*STAR)*

Prof Annelies Wilder-Smith  
*Tan Tock Seng Hospital*

A/Prof Yeo Tsin Wen  
*National Technological University*

### THAILAND

Prof Anucha Apisarntharak  
*Thammasat University Hospital*

A/Prof Tawee Chotpitayasunondh  
*Queen Sirikit National Institute of Child Health*

Prof Nick Day  
*Mahidol University*

Prof Direk Limmathurotsakul  
*Mahidol University*

Prof Duncan Smith  
*Mahidol University*

Prof Nicholas J White  
*Mahidol University*

### UNITED KINGDOM

Prof Miles Carroll  
*Public Health England*

Prof Julian Hiscox  
*University of Liverpool*

### USA

Prof Scott Halstead  
*Uniformed Services University*

Prof Ramanan Laxminarayan  
*Center for Disease Dynamics, Economics & Policy*

Prof Larry Madoff  
*University of Massachusetts Medical School*

Dr Ann Powers  
*Centers for Disease Control and Prevention*

Dr Christina Misa Wong  
*FHI 360*

## DAY 1: 24 AUGUST 2017, THURSDAY

TIME	ROOM 1			ROOM 2			ROOM 3		
07:30 - 08:00	<b>Meet the Expert 1</b>			<b>Meet the Expert 2</b>			<b>Meet the Expert 3</b>		
08:00 - 09:00	Welcome Speeches and Opening Address			Welcome Speeches and Opening Address			Welcome Speeches and Opening Address		
09:00 - 10:00	Plenary 1: Infectious Disease Outbreaks: ID Outbreaks - A Regional Perspective			Plenary 1: Infectious Disease Outbreaks: ID Outbreaks - A Regional Perspective			Plenary 1: Infectious Disease Outbreaks: ID Outbreaks - A Regional Perspective		
10:00 - 10:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
10:30 - 12:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	<b>Symposium 1:</b> Dengue: Insights From Bed to Bench	1030 - 1050	Clinical Management of Dengue	<b>Symposium 2:</b> Tuberculosis: Drug Resistance and New Therapeutics	1030 - 1050	Tuberculosis and The Host	<b>Symposium 3:</b> Outbreak Diagnostics: Detecting the New and Unknown	1030 - 1050	Outbreak and Diagnostic
		1050 - 1110	ADE/Dengue		1050 - 1110	Treatment of MDR-TB		1050 - 1110	Etiology Investigation During Outbreak Response: Diagnosis or Discovery or Both?
		1110 - 1130	Dengue Therapeutic		1110 - 1130	Targeting Host Immunometabolic Program for Designing TB HDTs		1110 - 1130	The Challenges in Diagnostic for Public Health Lab
		1130 - 1150	Fluid and Dengue		1130 - 1150	Molecular of Tuberculosis?		1130 - 1150	Oral Abstract Presentations
		1150 - 1200	Question and Answer		1150 - 1200	Question and Answer		1150 - 1200	Question and Answer
12:00 - 13:30	Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing		
13:30 - 15:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	<b>Symposium 4:</b> Antimicrobial Resistance: A One-Health Approach	1330 - 1350	The Food Chain and AMR	<b>Symposium 5:</b> Malaria: Drug Resistance and New Insights	1330 - 1350	New Therapeutic of Malaria	<b>Symposium 6:</b> Outbreak Control: Learning from The Past to Prepare for The Future	1330 - 1350	Outbreak Control in Hong Kong
		1350 - 1410	One-Health and AMR		1350 - 1410	Threats of Malaria Resistance		1350 - 1410	Outbreak Control in Thailand
		1410 - 1430	AMR and The Community		1410 - 1430	Malaria and the Host		1410 - 1430	Food Borne Outbreak
		1430 - 1450	Oral Abstract Presentations		1430 - 1450	Clinical Management of Malaria		1430 - 1450	GOARN and The Global Outbreak Response
1450 - 1500		Question and Answer	1450 - 1500		Question and Answer	1450 - 1500		Question and Answer	
15:00 - 16:00	Oral Presentations 1			Interactive Cases 1			Interactive Cases 1		
16:00 - 16:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
16:30 - 17:30	Plenary 2: Ending HIV			Plenary 2: Ending HIV			Plenary 2: Ending HIV		

## DAY 2: 25 AUGUST 2017, FRIDAY

TIME	ROOM 1			ROOM 2			ROOM 3		
08:00 - 09:00	Meet the Expert 4			Meet the Expert 5			Meet the Expert 6		
09:00 - 10:00	Plenary 3: Tuberculosis in An Interconnected World			Plenary 3: Tuberculosis in An Interconnected World			Plenary 3: Tuberculosis in An Interconnected World		
10:00 - 10:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
10:30 - 12:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	Symposium 7: Zika: Experience from Around The World	1030 - 1050	Zika in The Carribbeans	Symposium 8: Mycology: Insights From Bed to Bench	1030 - 1050	Emerging Fungal Infections	Symposium 9: Outbreak Clinical Trials: Can It Be Done?	1030 - 1050	Therapeutic Trials in Outbreak
		1050 - 1110	Zika and Pregnancy		1050 - 1110	Aspergillus in Infection Control Patients		1050 - 1110	Research Network in Outbreak
		1110 - 1130	Zika in Brazil		1110 - 1130	What's New in Candida		1110 - 1130	Ethics in Outbreak Research
		1130 - 1150	Zika in Southeast Asia		1130 - 1150	Host Response to Fungal Infection		1130 - 1150	Oral Abstract Presentations
		1150 - 1200	Question and Answer		1150 - 1200	Question and Answer		1150 - 1200	Question and Answer
12:00 - 13:30	Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing		
13:30 - 15:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	Symposium 10: Antimicrobial Resistance: Approach to Treating The Untreatable	1330 - 1350	New Drugs for AMR	Symposium 11: SARS, MERS and Pneumonia	1330 - 1350	Severe Pneumonia In Our Region: Melioidosis And More	Symposium 12: Outbreak Host Response	1330 - 1400	Host Response on MERS and SARS
		1350 - 1410	Drug Combinations		1350 - 1410	MERS - Lesson from Korea		1400 - 1430	Responding to Ebola in Guinea
		1410 - 1430	Molecular Insights Into Treating		1410 - 1430	ICU Network			
		1430 - 1450	Upcoming and Current Clinical Trials in AMR Treatment		1430 - 1450	Oral Abstract Presentations			
1450 - 1500		Question and Answer	1450 - 1500		Question and Answer	1430 - 1500			
15:00 - 16:00	Oral Presentations 2			Interactive Cases 2					
16:00 - 16:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
16:30 - 17:30	Plenary 4: Global Perspective on Malaria and Drug Resistance			Plenary 4: Global Perspective on Malaria and Drug Resistance			Plenary 4: Global Perspective on Malaria and Drug Resistance		

## DAY 3: 26 AUGUST 2017, SATURDAY

TIME	ROOM 1			ROOM 2			ROOM 3		
08:00 - 09:00	Meet the Expert 7			Meet the Expert 8			Meet the Expert 9		
09:00 - 10:00	Plenary 5: Device Associated Infections			Plenary 5: Device Associated Infections			Plenary 5: Device Associated Infections		
10:00 - 10:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
10:30 - 12:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	Symposium 13: Chikungunya and Zika: The Threat of Arboviruses	1030 - 1050	CDC Perspective of Arboviruses	Symposium 14: HIV: Is an End to The Pandemic Possible?	1030 - 1050	HIV Therapeutics	Symposium 15: Dengue: Debate on Wolbachia and Dengue Vaccines	1030 - 1115	Wolbachia Works?
		1050 - 1110	Chikungunya and Zika: Two New Arboviral Diseases Transmitted by Aedes Mosquitoes		1050 - 1110	Epidemiology of HIV in South East Asia			
		1110 - 1130	Animal Model of Alpha Viruses		1110 - 1130	Harm Reduction and Control of HIV			
		1130 - 1150	Clinical Aspects of Chikungunya and Zika		1130 - 1150	Social-Behavioural in HIV			
		1150 - 1200	Question and Answer		1150 - 1200	Question and Answer		1115 - 1200	Dengue Vaccines Work?
Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing			
12:00 - 13:30	Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing			Lunch Satellite and Posters Viewing		
13:30 - 15:00	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC	SYMPOSIUM	TIME	TOPIC
	Symposium 16: Outbreak Predicting The Next Big One	1330 - 1350	I Think The Next Big One Will Be...	Symposium 17: Microbiome and Infectious Diseases	1330 - 1350	Metagenomic and Infectious Disases	Symposium 18: Influenza: Insights From Genomics to Modelling	1330 - 1350	Vaccines and Therapeutics
		1350 - 1410			1350 - 1410	Gram-Negative infection		1350 - 1410	Influenza Animal to Human Interface
		1410 - 1430			1410 - 1430	Gut Mircobiome		1410 - 1430	Molecular Epidemiology of Influenza
		1430 - 1450			1430 - 1450	Human and Animal Microbiome		1430 - 1450	Immune Response in Influenza
1450 - 1500		Question and Answer	1450 - 1500		Question and Answer	1450 - 1500		Question and Answer	
15:00 - 15:30	Tea Break and Posters Viewing			Tea Break and Posters Viewing			Tea Break and Posters Viewing		
15:30 - 16:30	Plenary 6: Antimicrobial Resistance			Plenary 6: Antimicrobial Resistance			Plenary 6: Antimicrobial Resistance		
16:30 - 17:00	Closing Speech			Closing Speech			Closing Speech		

## REGISTRATION FEES

REGISTRATION FEES (Exclusive of 7% GST)	EARLY BIRD RATE (Till 31 May 2017)	NORMAL RATE (From 31 May 2017)	ON-SITE RATE (24-26 Aug 2017)
Member of Organising Institutions / Societies (Including NHG, Singhealth and NUHS)	\$550	\$650	\$1000
Physicians/Scientists	\$700	\$850	\$1000
Allied Health Professionals / Nurses	\$550	\$650	\$1000
Trainees/Delegates from *LMIC (Doctors in Training including Students, Houseman and Residents)	\$450	\$550	\$1000
Groups of 5 - 9pax (10% Discount)			
Groups of 10pax and above (20% Discount)			

\*Low Middle Income Country as defined by World Bank as of 2016. (<http://data.worldbank.org/income-level/lower-middle-income>)

## ORGANISING INSTITUTIONS/ SOCIETIES



Singapore Infectious Diseases Initiative (SID)

