

# HAND, FOOT & MOUTH DISEASE



HFMDIC2016

## INTERNATIONAL CONFERENCE 2016

25<sup>th</sup> – 26<sup>th</sup> July 2016@ Matrix, Biopolis  
SINGAPORE

### Scientific Program

Day 1 (25th July)	Breakthrough + Discovery Theatrettes		
09:00 - 10:30	Opening		
	Topic	Speaker	Emcee/Chair
09:00 - 09:10	Welcome Address	A*STAR BMRC ED (Benjamin SEET)	Sarah CHANG
09:10 - 09:50	Keynote Lecture 1 Hand Foot Mouth Disease – A Significant Public Health Issue?	Hishamuddin BADARUDDIN	Justin Jang Hann CHU
09:50 - 10:30	Keynote Lecture 2 Structure of Human Enterovirus 71 and Implications for Virus Intervention	Richard KUHN	
10:30 - 11:00	Morning Tea Break		
11:00 - 13:00	2nd ASEAN meeting of the CoHESIA: Session 1		
	Topic	Speaker	Chair
11:00 - 11:30	Epidemiology and control of hand, foot and mouth disease in Singapore	Alex COOK	Rogier van DOORN
11:30 - 12:00	Hand, Foot and Mouth Disease in Southern Vietnam: Results of the First 2 Years of and Ongoing Observational Study	Le Van TAN	
12:00 - 12:30	Development and application of framework for assessing enterovirus epidemic potentials	Erhui CAI	
12:30 - 13:00	Modeling Epidemic Dynamics of Enterovirus Serotypes	Saki TAKAHASHI	
13:00 - 14:00	Lunch		
14:00 - 16:00	Hand, Foot and Mouth Disease International Conference 2016: Session 2		
	Topic	Speaker	Chair
14:00 - 14:30	Neurovirulence of enterovirus 71 assessed by transgenic mouse model expressing human scavenger receptor B2	Satoshi KOIKE	Jen-Ren WANG
14:30 - 15:00	Mechanism of enterovirus 3A-mediated inhibition of COP-II and COP-I protein secretory pathways	Durga Rao CHILAKALAPUDI	
15:00 - 15:30	Host factors involved in enterovirus infection – potential applications in therapy and prophylaxis	Shin-Ru SHIH	Yoke Fun CHAN
15:30 - 16:00	The RNA Helicase and Chaperoning Functions of EV71 Protein 2C	Xi ZHOU	
16:00 - 16:30	Afternoon Tea Break		
16:30 - 18:00	Hand, Foot and Mouth Disease International Conference 2016: Session 3		
	Topic	Speaker	Chair
16:30 - 17:00	Phylodynamics of Enterovirus A71 in Asia	Vijaykrishna DHANASEKARAN	Shin-Ru SHIH
17:00 - 17:30	Cyclical patterns of hand, foot and mouth disease in Malaysia	Yoke Fun CHAN	
17:30 - 18:00	Genome plasticity of enterovirus A71 affects antigenicity, viral fitness and pathogenicity	Jen-Ren WANG	

Day 2 (26th July)	Breakthrough + Discovery Theatrettes		
08:30 - 10:00	2nd ASEAN meeting of the CoHESIA: Session 4		
	Topic		Chair
08:30 - 09:00	Molecular Epidemiology of Human Enterovirus 71 in Sarawak, Malaysia	Mong How OOI (Malaysia)	Hanh Hao LA
09:00 - 09:30	Molecular epidemiology of human enterovirus 71 at the origin of an epidemic of fatal Hand, Foot and Mouth disease cases in Cambodia	Veasna DUONG (Cambodia)	
09:30 - 10:00	Updated Epidemiology of Hand, Foot, and Mouth Disease in China, 2008-2015	Qiaohong LIAO (China)	
10:00 - 10:30	Morning Tea Break		
10:30 - 12:00	2nd ASEAN meeting of the CoHESIA: Session 5		
	Topic	Speaker	Chair
10:30 - 11:00	Epidemiology of HFMD in the Philippines 2012-2015	Cecilia C. MARAMBA (Philippines)	Hanh Hao LA
11:00 - 11:30	Fifteen Years' Experience of Hand Foot Mouth Disease and Severe Enterovirus Infection Surveillance in Thailand, 2001 - 2015	Rome BUATHONG (Thailand)	
11:30 -12:00	Enteroviruses from cases with Hand, Foot, and Mouth Disease in 2011 - 2015 in Northern Vietnam	Thi Hien Thanh NGUYEN (Vietnam)	
12:00 - 13:00	Lunch		
	Breakthrough + Discovery Theatrettes		Meeting Rooms
13:00 - 15:30	Hand, Foot and Mouth Disease International Conference 2016: Session 6A		2nd ASEAN meeting of the CoHESIA: Session 6B (parallel sessions)
	Topic	Speaker	Chair
13:00 - 13:30	Novel Humanized Mouse Model of Non-Mouse-Adapted Enterovirus 71 infection	Qingfeng CHEN	Satoshi KOIKE
13:30 - 14:00	Immune pathogenesis of hand, foot and mouth disease	Qibin LENG	
14:00 - 14:30	Staufen proteins: multitasking entertainers in Enterovirus 71 infection cycle	Robert Yung Liang WANG	Qibin LENG
14:30 - 15:00	Targeting the enterovirus71 3C protease with peptide-based covalent inhibitors	Brian Cheng San CHIA	
15:00 - 15:30	Genome-wide screen reveals host factors required for Enterovirus 71 replication	Kan Xing WU	
15:30 - 16:00	Afternoon Tea Break		
16:00 - 17:30	Session 7 - Funding Opportunities, Summary, Prize Presentation and Closing		Chair/Emcee
	Topic	Speaker	Rogier van DOORN & Justin Jang Hann CHU
16:00 - 16:30	Funding Opportunities	Katrina LAWSON	
16:30 - 17:00	Summary: HFMDIC2016 & CoHESIA		
17:00 - 17:30	Prize Presentation and Closing		

## Public Outreach Program

Day 2 (26th July)	Creation Theatre		
09:30 - 10:30	Outreach Session I		
09:30 - 10:30	Topic	Speakers	Chair
09:30 - 10:30	Hand, Foot and Mouth Disease	Chia Yin CHONG	Justin Jang Hann CHU
10:30 - 11:00	Morning Tea Break		
11:00 - 12:30	Outreach Session II		
	Topic	Speakers	Chair
11:00 - 11:30	Hand Foot and Mouth Disease – the facts and the fallacies	Hishamuddin BADARUDDIN	Yong Wah TAN
11:30 - 11:50	F.I.G.H.Ting HFMD	Graziella MENEZES	
11:50 - 12:10	HFMD – effective ways to prevent an outbreak	Wee Ming YEO	
12:10 - 12:30	Clinical Biomarkers for Rapid HFMD Detection and Diagnosis: A Recruitment Program from Singapore Childcare Centers	Nyo Min	
12:30 - 13:30	Lunch		