



**Lessons Learned since 1998 Enterovirus A71 Epidemic in Taiwan:  
Contributions and Implications**

**Date: September 28-29, 2018**

**Venue: Chang Yung-Fa International Convention Center, 1101 Conference Room**

**Adviser: Ministry of Health and Welfare, Taiwan**

**Organizers: National Health Research Institutes / Centers for Disease Control, Taiwan**

**Co-organizer: Chang Gung Memorial Hospital / Chang Gung University /**

**National Cheng Kung University / Taiwan Society of Virology**

<i>September 28, 2018</i>		
Time	Topics	Speaker
09:00-09:10	Opening	
Enterovirus epidemics and control		
09:10-09:40	Keynote speech I: Enterovirus epidemiology in the United States: surveillance overview and recent EV-D68 and EV-A71 activity	<b>Dr. John Watson</b> Centers for Disease Control and Prevention, USA
09:40-10:10	Keynote speech II: Enterovirus research in Taiwan: review and implications	<b>Dr. Tzou-Yien Lin</b> NHRI, Taiwan
10:10-10:35	Enterovirus surveillance, preparedness, and response in Taiwan	<b>Dr. Philip Lo</b> Centers for Disease Control, Taiwan
10:35-10:50	Break	
Pathogenesis and virulence of EV-A71		
10:50-11:10	Immunopathogenesis of severe EV-A71 infections	<b>Dr. Ching-Chuan Liu</b> NCKUH, Taiwan
11:10-11:25	Pathogenesis of acute heart failure in patients with enterovirus 71 rhombencephalitis	<b>Dr. Yun-Ching Fu</b> CMUCH, Taiwan
11:25-11:40	Management of EV-A71 patients with cardiopulmonary failure	<b>Dr. Shao-Hsuan Hsia</b> CGMH, Taiwan
11:40-12:00	Genetic evolution of EV-A71: impacts on antigenicity and virulence	<b>Dr. Jen-Ren Wang</b> NCKU, Taiwan



12:00-13:30	Lunch	
<b>Neurological and immune response to EV-A71</b>		
13:30-13:50	Acute neurological complications of EV-A71 infection in Taiwan	<b>Dr. Chao-Ching Huang</b> TMU, Taiwan
13:50-14:10	EV-A71 seroepidemiology study in Taiwan and long-term neurological, and psychiatric outcome after CNS involvement	<b>Dr. Luan-Yin Chang</b> NTUH, Taiwan
14:10-14:20	Humoral immune response to acute EV-A71 infection	<b>Dr. Kuan-Ying Arthur Huang</b> CGMH, Taiwan
14:20-14:30	TLR defect in children with severe EV-A71 infection	<b>Dr. Cheng-Lung Ku</b> CGU, Taiwan
<b>EV-A71 vaccine development</b>		
14:30-14:45	EV-A71 vaccine development in Taiwan	<b>Dr. Jen-Ron Chiang</b> CDC, Taiwan <b>Dr. Chia-Chyi Liu</b> NHRI, Taiwan
14:45-15:00	EV-A71 vaccine development in China	<b>Dr. Zhong Huang</b> Institut Pasteur of Shanghai, Chinese Academy of Sciences, China
15:00-15:10	Mucosal viral-vector vaccines in study and prevention of enterovirus infection	<b>Dr. Yen-Hung Chow</b> NHRI, Taiwan
15:10-15:20	Clinical development of the first bioreactor-generated pediatric Enterovirus 71 vaccine	<b>Dr. Chin-Fan Yang</b> Enimmune, Taiwan
15:20-15:30	EV-A71 vaccine clinical trial in Taiwan	<b>Dr. Kathy Tai</b> Medigen, Taiwan
15:30-15:45	Break	
<b>Enteroviruses in Asia-Pacific regions</b>		
15:45-16:00	EV-A71 in Malaysia	<b>Dr. Mong How Ooi</b> Hospital Umum Sarawak, Malaysia
16:00-16:15	EV-A71 in Vietnam	<b>Dr. Rogier van Doorn</b> Oxford University Clinical Research Unit, Vietnam
16:15-16:30	Current situation of enterovirus infection in Thailand	<b>Dr. Yong Poovorawan</b> Chulalongkorn University, Thailand
16:30-16:45	EV-A71 in Cambodia	<b>Dr. Veasna Duong</b> Institut Pasteur de Cambodge, Cambodia



16:45-17:00	Establishment of Asia-Pacific Network for Enterovirus Surveillance (APNES)	<b>Dr. Ming-Shi Lee</b> NHRI, Taiwan
17:00-17:20	Q&A	

<i>September 29, 2018</i>		
Time	Topics	Speaker
09:00-09:10	Opening	
<b>EV-D68 outbreaks and management</b>		
09:10-09:40	The emergence of Enterovirus-D68	<b>Dr. Mark Abzug</b> Children's Hospital Colorado, USA
09:40-10:10	An outbreak of enterovirus D68 in August–December 2015 in Japan as an emerging “neurovirulent” enterovirus infection	<b>Dr. Hiroyuki Shimizu</b> National Institute of Infectious Diseases, Japan
10:10-10:25	Break	
<b>Pathogen-host interactions and control</b>		
10:25-10:40	Enterovirus infection in neonates	<b>Dr. Yhu-Chering Huang</b> CGMH, Taiwan
10:40-11:00	Future prospects of enterovirus prevention and control	<b>Dr. Shin-Ru Shih</b> CGU, Taiwan
11:00-11:15	Q&A	
11:15-12:00	<b>Comprehensive Group Discussion</b>	
12:30-14:00	<b>Satellite Lunch Meeting</b>	