

Date: Saturday, 25th November, 2023

Venue: Hanmin Lecture Hall, College of Medicine, National Cheng Kung University

Time	Topics		Speakers	Moderators
08:30 - 08:50	Registration and Welcome Coffee			
08:50 - 09:00	Welcome Address		Wen-Chien Ko Deputy Superintendent, National Cheng Kung University Hospital	
Section I. Fortifying Pandemic Preparedness				
09:00 - 09:40	Keynote Speech 1	Development of Antiviral Strategies for Pandemic Preparedness of Emerging and Re-emerging Viral Diseases	Justin Jang Hann Chu Assistant Dean, Yong Loo Lin School of Medicine, National University of Singapore (Singapore)	Jen-Ren Wang Distinguished Professor, National Cheng Kung University
09:40 - 10:20	Keynote Speech 2	Clinical Implementation and Experience with Innovative Diagnostic Technologies for Infectious Diseases	Hiromichi Suzuki Professor, University of Tsukuba (Japan)	Wen-Chien Ko Deputy Superintendent, National Cheng Kung University Hospital
10:20 - 10:40	Group Photo and Coffee Break			
Section II. From Lab to Lifesaver: Uniting Basic Science and Viral Solutions				
10:40 - 11:00	Talk 1	Bridging Basic Science to COVID Diagnosis, Vaccine and Antiviral Developments	Shin-Ru Shih Director, Research Center for Emerging Viral Infections, Chang Gung University (Taiwan)	Shun-Hua Chen Director, Department of Microbiology & Immunology, National Cheng Kung University
11:00 - 11:20	Talk 2	Application of Omics Technologies in Studying Virus-host Interaction	Rei-Lin Kuo Professor, Chang Gung University (Taiwan)	Chuan-Fa Chang Professor, National Cheng Kung University
11:20 - 11:40	Talk 3	Coordinated Phosphorylation of Coronavirus Nucleocapsid Protein in Control of Viral Replication	Shiou-Hwei Yeh Distinguished Professor, National Taiwan University (Taiwan)	Wen-Ya Huang Distinguished Professor, National Cheng Kung University
11:40 - 12:00	Talk 4	Humoral Immunity Following Primary SARS-CoV-2 Omicron Variant Infection in Children	Ching-Fen Shen Clinical Associate Professor, National Cheng Kung University Hospital (Taiwan)	Po-Lin Chen Director, Quality Center, National Cheng Kung University Hospital
12:00 - 13:00	Lunch and Social Gathering			
13:00 - 14:00	Poster Session			



Section III. Foresight in Fighting Dengue				
14:00 - 14:20	Talk 5	Dengue Virus Regulates Mitochondrial ATP Synthase Involved in Viral Replication	Jin-Ching Lee Professor, National Sun Yat-sen University (Taiwan)	Chih-Peng Chang Director, Center of Infectious Disease and Signaling Research, National Cheng Kung University
14:20 - 14:40	Talk 6	Dengue Virus Exploits Integrin-Linked Kinase for Evasion of the Innate Immune Response	Chih-Peng Chang Director, Center of Infectious Disease and Signaling Research, National Cheng Kung University (Taiwan)	Yee-Shin Lin Professor Emeritus, National Cheng Kung University
14:40 - 15:00	Talk 7	Innovative Approaches to Predicting Dengue Severity	Tzong-Shiann Ho Deputy Superintendent, National Cheng Kung University Hospital Dou-Liou Branch (Taiwan)	Li-Jin Hsu Professor, National Cheng Kung University
15:00 - 15:20	Coffee Break			
Section IV. Unlocking Dengue's Secrets				
15:20 - 15:40	Talk 8	High Pathogenic DENV-2 Strain in Mosquitoes and Mouse Models	Guann-Yi Yu Associate Investigator, National Health Research Institutes (Taiwan)	Kung-Chia Young Professor, National Cheng Kung University
15:40 - 16:00	Talk 9	Formulation of Alum Adjuvant with CpG Enhances Protective Immunity Elicited by a Novel Dengue NS1/E/NS3 Recombinant Protein	Shu-Wen Wan Assistant Professor, National Cheng Kung University (Taiwan)	Pei-Jane Tsai Professor, National Cheng Kung University
16:00 - 16:30	Closing Remarks/Poster Award	Pei-Jane Tsai Professor, Epidemic Prevention Scientific Research Center, National Cheng Kung University		
		Chih-Peng Chang Director, Center of Infectious Disease and Signaling Research, National Cheng Kung University		

Organized by :

1. Epidemic Prevention Scientific Research Center, NCKU
2. Center of Infectious Disease and Signaling Research, NCKU
3. College of Medicine, NCKU
4. National Cheng Kung University Hospital, NCKU

Co-organized by :

1. NCKU Research and Development Foundation

Directed by:

1. National Science and Technology Council

