

精準醫療於遺傳性疾病的新進展
Recent Advances in Precision Medicine for Genetic Disorders

時間：2026 年 6 月 27 日(星期六) 08:30~17:40
Time: June 27th, 2026(Sat.) 08:30~17:40
地點：臺北榮總致德樓第一會議室

08:30-08:40	Opening	Taipei Veterans General Hospital	Prof. Wei Chiang Lee (李偉強 副院長)
Time	Topic & Speaker		Moderator
08:40-09:00	Whole Genome Sequencing Analysis: From Newborn to Lifelong Insights National Yang Ming Chiao Tung University	Prof. Dau-Ming Niu (牛道明 教授)	Prof. Yau-Huei Wei 魏耀揮 教授
09:00-09:25	Building a Genomically Enabled Health System: Lessons from Singapore's Precision Medicine Journey KK Women's and Children's Hospital	Prof. Tan Ee Shien	Prof. Shih-Feng Tsai 蔡世峯 教授
09:25-09:50	Long-read DNA Sequencing in Rare Diseases: Opportunities and Challenges Faculty of Medicine, Chulalongkorn University	Prof. Vorasuk Shotelersuk	Prof. Hung-Yi Chiou 邱弘毅 所長
09:50-10:10	From Gut to Health: Advances in Microbiota Research for Clinical and Preventive Medicine National Taiwan University Hospital	Dr. Wei-Kai Wu (吳偉愷 教授)	Prof. Kuei-Chuan Lee 李癸洲 教授
10:10-10:30	Metabolomics in Precision Medicine: Current Clinical Applications and Future Outlook Chang Gung University	Prof. Mei-Ling Cheng (鄭美玲 教授)	Dr. Hao-Chuan Liu 劉顥筌 醫師
10:30-10:45	Panel Discussion National Cheng Kung University	Prof. Woei-Jer Chuang (莊偉哲 教授)	
	National Yang Ming Chiao Tung University	Prof. Chi-Ying Huang (黃奇英 院長)	
10:45-10:55	Coffee Break		
10:55-11:10	Leveraging Long Mapped Read Trupath Genome to Decode Biology Insights illumina Taiwan	Dr. Ian Yi-Feng Chang (張益峯 博士)	Prof. Yen-Wen Wu 吳彥雯 教授
11:10-11:25	AI-Powered Radiogenomics Models for Cancer Precision Medicine Hon Hai Precision Industry	Dr. Jing-Rong Jhuang (莊景榮 博士)	Prof. Yung-Hung Luo 羅永鴻 教授
11:25-11:40	From \$100 Genomes to Single-Cell Insights: Redefining Multiomics with Element Biosciences' AVITI24 and VITARI Element biosciences	Dr. Thomas Yang (楊儒蔚博士)	Dr. Yuan-chia Chu 朱原嘉博士
11:40-11:50	Beyond WGS: A Multi-Agent AI Framework for Rare Disease Research in the Multi-Omics Era Daopin Incorporation	Director Jack Lee (李彥樑 總監)	Dr. Kung-Hao Liang 梁恭豪 副研究員
11:50-12:05	Panel Discussion Taipei Municipal Gan-Dau Hospital	Prof. Liang-Kung Chen (陳亮恭 院長)	
	Taipei Veterans General Hospital	Dr. Kung-Hao Liang (梁恭豪 副研究員)	
12:05-13:30	Lunch Break		

13:30-13:55	Newborn Screening in Japan: Current Achievement, Challenges, and Future Perspectives. Kumamoto University <i>Prof. Kimitoshi Nakamura</i>	<i>Prof. Ching-Yuang Lin</i> 林清淵 教授
13:55-14:20	Genetics and Rare Diseases in Vietnam: Current Status, Challenges, and Future Directions. Hanoi University <i>Prof. Dung Chi Vu</i>	<i>Prof. Chung-Hsing Wang</i> 王仲興 主任
14:20-14:45	Hereditary Cobalamin-related disorders Hospital Kuala Lumpur <i>Prof. Ngu Lock-Hock</i>	<i>Prof. Yann-Jang Chen</i> 陳燕彰 主任
14:45-15:05	Long-term Outcomes of Very Early Treated Infantile-onset Pompe Disease with the Improvement After 24-month Switching to Avalglucosidase Alfa: Real-World Experiences based on Taiwan Nationwide Newborn Screening Programme Taipei Veterans General Hospital <i>Prof. Chia-Feng Yang (楊佳鳳 教授)</i>	<i>Prof. Ching-Shiang Chi</i> 遲景上 教授
15:05-15:25	Mucopolysaccharidosis -now and future MacKay Memorial Hospital <i>Prof. Hsiang-Yu Lin (林翔宇 教授)</i>	<i>Prof. Pao-Chin Chiu</i> 邱寶琴 教授
15:25-15:50	A Decade of Novel Gene Discovery in Disabled Children Using Next Generation Sequencing King Abdullah Specialized Children Hospital <i>Prof. Majid Alfadhel</i>	<i>Prof. Yann-Jang Chen</i> 陳燕彰 主任
15:50-16:05	Panel Discussion MacKay Memorial Hospital <i>Prof. Shuan-Pei Lin (林炫沛 教授)</i> National Taiwan University Hospital <i>Prof. Ni-Chung Lee (李妮鍾 教授)</i>	
16:05-16:15	Coffee Break	
16:15-16:40	Chaperone therapy with migalastat in Fabry disease: from amenability to individualized clinical response Paris-Saclay University <i>Prof. Dominique P. Germain</i>	<i>Prof. Chao-Yung Wang</i> 王朝永 教授
16:40-17:05	Biomarkers in Fabry Disease: Current Applications in Diagnosis, Disease Management, and Unmet Clinical Needs University College London <i>Prof. Uma Ramaswami</i>	<i>Prof. Chung-Lieh Hung</i> 洪崇烈 教授
17:05-17:25	A Newborn Screening-Enabled Therapeutic Window in Late-Onset Fabry Disease: Long-Term Divergent Remodeling Trajectories With Early-Stage Treatment. MacKay Memorial Hospital <i>Dr. Kuo-Tzu Sung (宋國慈 醫師)</i>	<i>Prof. Pi-Chang Lee</i> 李必昌 教授
17:25-17:40	Gene Therapy of Fabry disease in Taiwan. Taipei Veterans General Hospital <i>Dr. Yun-Ru Chen (陳韻如 博士)</i>	<i>Prof. Hao-Min Cheng</i> 鄭浩民 教授
17:40-17:55	Panel Discussion National Cheng Kung University Hospital <i>Prof. Yi-Heng Li (李貽恒 理事長)</i> National Taiwan University Hospital <i>Prof. Yen-Hung Lin (林彥宏理事長)</i>	
17:55-18:00	Closing Remarks	