

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 27<sup>th</sup>, 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	<b>Whole Genome Sequencing Analysis: From Newborn Screening to Lifelong Insights.</b> National Yang Ming Chiao Tung University <i>Prof. Dau-Ming Niu</i> (牛道明 教授)	<i>Prof. Yau-Huei Wei</i> 魏耀揮 教授
09:00-09:25	<b>Building a Genomically Enabled Health System: Lessons from Singapore's Precision Medicine Journey</b> KK Women's and Children's Hospital <i>Prof. Tan Ee Shien</i>	<i>Prof. Shih-Feng Tsai</i> 蔡世峯 教授
09:25-09:50	<b>New Insights into Third-Generation Sequencing: Present Challenges and Future Opportunities</b> Faculty of Medicine, Chulalongkorn University <i>Prof. Vorasuk Shotelersuk</i>	<i>Prof. Hung-Yi Chiou</i> 邱弘毅 所長
09:50-10:10	<b>From Gut to Health: Advances in Microbiota Research for Clinical and Preventive Medicine</b> National Taiwan University Hospital <i>Dr. Wei-Kai Wu</i> (吳偉愷 教授)	<i>Prof. Kuei-Chuan Lee</i> 李癸淵 教授
10:10-10:30	<b>Metabolomics in Precision Medicine: Current Clinical Applications and Future Outlook</b> Chang Gung University <i>Prof. Mei-Ling Cheng</i> (鄭美玲 教授)	<i>Prof. Cheng-Hsun Chiu</i> 邱政洵 副院長
<b>Panel Discussion</b>		
10:30-10:45	National Cheng Kung University <i>Prof. Woei-Jer Chuang</i> (莊偉哲 教授) National Yang Ming Chiao Tung University <i>Prof. Chi-Ying Huang</i> (黃奇英 院長)	
<b>Coffee Break</b>		
10:55-11:10	<b>Leveraging Long Mapped Read Trupath Genome to Decode Biology Insights</b> illumina Taiwan <i>Dr. Ian Yi-Feng Chang</i> (張益峯 博士)	<i>Prof. Yen-Wen Wu</i> 吳彥雯 教授
11:10-11:25	<b>AI-Powered Radiogenomics Models for Cancer Precision Medicine</b> Hon Hai Precision Industry <i>Dr. Jing-Rong Jhuang</i> (莊景榮 博士)	<i>Prof. Yung-Hung Luo</i> 羅永鴻 教授
11:25-11:40	<b>From \$100 Genomes to Single-Cell Insights: Redefining Multiomics with Element Biosciences' AVITI24 and VITARI</b> Element biosciences <i>Dr. Thomas Yang</i> (楊儒蔚 博士)	<i>Dr. Yuan-chia Chu</i> 朱原嘉 博士
11:40-11:50	<b>Beyond WGS: A Multi-Agent AI Framework for Rare Disease Decision Support in the Multi-omics Era</b> Daopin Incorporation <i>Dr. Jack Lee</i> (李彥樑 博士)	<i>Dr. Kung-Hao Liang</i> 梁恭豪 博士
<b>Panel Discussion</b>		
11:50-12:05	Taipei Municipal Gan-Dau Hospital <i>Prof. Liang-Kung Chen</i> (陳亮恭 院長) Taipei Veterans General Hospital <i>Prof. Albert C. Yang</i> (楊智傑 系主任)	
<b>Lunch Break</b>		

13:30-13:55	<b>Newborn Screening in Japan: Current Achievement, Challenges, and Future Perspectives.</b> Kumamoto University <i>Prof. Kimitoshi Nakamura</i>	<i>Prof. Ching-Yuang Lin</i> 林清淵 教授
13:55-14:20	<b>Genetics and Rare Diseases in Vietnam: Current Status, Challenges, and Future Directions.</b> Hanoi University <i>Prof. Dung Chi Vu</i>	<i>Prof. Chung-Hsing Wang</i> 王仲興 主任
14:20-14:45	<b>Hereditary Cobalamin-related disorders</b> Hospital Kuala Lumpur <i>Prof. Ngu Lock-Hock</i>	<i>Prof. Yann-Jang Chen</i> 陳燕彰 主任
14:45-15:05	<b>Optimizing Infantile-Onset Pompe Disease Care: Rapid Diagnosis &amp; Early Enzyme Replacement Therapy for Best Outcomes</b> 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	<b>Mucopolysaccharidosis -now and future</b> 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	<b>A Decade of Novel Gene Discovery in Disabled Children Using Next Generation Sequencing</b> King Abdullah Specialized Children Hospital <i>Prof. Majid Alfadhel</i>	<i>Prof. Pei-Lung Chen</i> 陳沛隆 教授
<b>Panel Discussion</b>		
15:50-16:05	MacKay Memorial Hospital <i>Prof. Shuan-Pei Lin (林炫沛 教授)</i> Chung Shan Medical University Hospital <i>Prof. Pen-Hua Su (蘇本華 副院長)</i>	
<b>Coffee Break</b>		
16:05-16:15	<b>Substrate Reduction Therapies in Fabry Disease: Emerging Clinical Evidence and Methodological Challenges</b> Paris-Saclay University <i>Prof. Dominique P. Germain</i>	<i>Prof. Chao-Yung Wang</i> 王朝永 教授
16:15-16:40	<b>Long-term effectiveness and safety outcomes in adults with Fabry disease</b> University College London <i>Prof. Uma Ramaswami</i>	<i>Prof. Chung-Lieh Hung</i> 洪崇烈 教授
16:40-17:05	<b>A Newborn Screening–Enabled Therapeutic Window in Late-Onset Fabry Disease: Long-Term Divergent Remodeling Trajectories With Early-Stage Treatment.</b> 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
17:05-17:25	<b>Gene Therapy of Fabry disease in Taiwan.</b> 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
<b>Panel Discussion</b>		
17:25-17:40	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>	
17:40-17:55	<b>Closing Remarks</b>	