

精準健康大數據國際研討會
**International Conference on Recent Advances in
 Big Data and Precision Health, Taiwan**

時間：111 年 10 月 3 日 9:00-17:00

Time : 3rd Oct. 2022. 9:00-17:00 Taiwan Time (UTC +8)

地點：Webex 視訊會議

Venue: Webex Webinar

會議語言：英文

指導單位：衛生福利部

Adviser: Ministry of Health and Welfare

主辦單位：國家衛生研究院(健康大數據永續平台計畫)

Sponsors: National Health Research Institutes (NHRI), Taiwan, ROC

協辦單位 Co-sponsors：(依中文筆劃序)

台灣病理學會 Taiwan Society of Pathology

台灣精準醫療品質策進會 Taiwan Joint Commission of Precision Medicine

台灣精準醫療產業協會 Precision Medicine Industry Association of Taiwan

奇美醫療財團法人奇美醫院 Chi Mei Medical Center

議程 Agenda

Time (UTC+8)	Topic	Speaker	Session	Moderator
8:50-9:00	Registration			
9:00-9:10	Welcome Speech	梁廣義 院長 Kung-Yee Liang, PhD President, National Health Research Institutes (NHRI), Taiwan, ROC		
		劉明勳 技監 Kevin Ming-Hsun Liu Counselor, Ministry of Health and Welfare		
9:10-9:15	健康大數據永續平台計畫簡介 Introduction to the “Health Big Data Platform Program”	李健逢 研究員級主治醫師 Chien-Feng Li, MD, PhD Joint-Appointment Investigator and Attending Physician, National Institute of Cancer Research, NHRI, Taiwan, ROC		

9:15-9:55	Breast Cancer Risk Model Requirements for Counseling, Prevention, and Screening	Mitchell H. Gail, MD, PhD Distinguished Investigator, National Cancer Institute, National Institutes of Health (NIH), USA		梁廣義 院長 Kung-Yee Liang, PhD President, NHRI, Taiwan, ROC
9:55-10:35	Controversies in Predictive Modeling, Machine Learning, and Validation	Frank E. Harrell, PhD Professor and Founding Chair, Department of Biostatistics, Vanderbilt University School of Medicine, USA	風險預測 Risk Prediction	熊昭 名譽研究員 Chao Agnes Hsiung, PhD Honorary Investigator, Institute of Population Health Sciences, NHRI, Taiwan, ROC
10:35-10:50	Coffee Break			
10:50-11:30	Enabling Genomic Real-World Evidence at Population Scale	Simeen Malik, PhD Associate Principal Scientist, Illumina, Singapore	癌症精準 醫療 Cancer Precision Medicine	楊慕華 副校長 Muh-Hwa Yang, MD, PhD Vice President, National Yang Ming Chiao Tung University, Taiwan, ROC
11:30-12:10	Using Movement Data to Predict Pandemic Surges	C. Jason Wang, MD, PhD Professor of Pediatrics (General Pediatrics) and Health Policy Director, Center for Policy, Outcomes and Prevention, Stanford University, USA	感染症 Infectious Disease	陳為堅 主任 Wei-Jen Chen, MD, ScD Distinguished Investigator and Director, Center for Neuropsychiatric Research, NHRI, Taiwan, ROC
12:10-13:10	Lunch Break			
13:10-13:25	Adapting Lung Cancer Prediction PLCO 2012 Model for Taiwan	張憶壽 名譽研究員 I-Shou Chang, PhD Investigator Emeritus, National Institute of Cancer Research, NHRI, Taiwan, ROC	風險預測 Risk Prediction	陳秀熙 教授 Hsiu-Hsi Chen, PhD Professor, Institute of Epidemiology and Preventive Medicine, National Taiwan University, Taiwan, ROC
13:25-13:40	Risk Prediction for Type 2 Diabetes in Taiwan	鍾仁華 研究員 Ren-Hua Chung, PhD Investigator, Institute of Population Health Sciences, NHRI, Taiwan, ROC		
13:40-13:55	Precision Medicine in Biliary Tract Cancer: The Application of Comprehensive Genomic Profiling into Real-World Clinical Treatment	姜乃榕 助研究員級主治醫師 Nai-Jung Chiang, MD, PhD Adjunct Assistant Investigator and Attending Physician, National Institute of Cancer Research, NHRI, Taiwan, ROC	癌症精準 醫療 Cancer Precision Medicine	李健逢 研究員級 主治醫師 Chien-Feng Li, MD, PhD Joint-Appointment Investigator and

13:55-14:10	Precision Medicine in Esophagus Cancer: The Genome-Driven Oncology Care in Real World	陳尚鴻 助研究員級主治醫師 Shang-Hung Chen, MD, PhD Assistant Investigator and Attending Physician, National Institute of Cancer Research, NHRI, Taiwan, ROC		Attending Physician, National Institute of Cancer Research, NHRI, Taiwan, ROC
14:10-14:20	Comprehensive Evaluation of COVID-19 Policies and Outcomes in 50 Countries	鄒小蕙 副研究員 Hsiao-Hui Tsou, PhD Associate Investigator, Institute of Population Health Sciences, NHRI, Taiwan, ROC	感染症 Infectious Disease	邱弘毅 所長 Hung-Yi Chiou, PhD Distinguished Investigator and Director, Institute of Population Health Sciences, NHRI, Taiwan, ROC
14:20-14:30	Nationwide Antimicrobial Resistance (AMR) Surveillance Programs	郭書辰 副研究員級主治醫師 Shu-Chen Kuo, MD, PhD Associate Investigator and Attending Physician, National Institute of Infectious Diseases and Vaccinology, NHRI, Taiwan, ROC		
14:30-14:40	Establishment of Hospital-Based Database for Bacteremia and its Applications	龔柏勳 醫檢師 Po-Hsin Kong Medical Technologist, Center for Precision Medicine, Chi Mei Medical Center, Taiwan, ROC		
14:40-15:00	Coffee Break			
15:00-15:40	Future Directions: Precision Oncology & Cancer Genomics	Nirupa Murugaesu, MD, PhD Clinical Lead for Molecular Oncology, Genomics England, UK	癌症精準 醫療 Cancer Precision Medicine	劉滄梧 代理所長 Tsang-Wu Liu, MD Investigator and Acting Director, National Institute of Cancer Research, NHRI, Taiwan, ROC
15:40-16:10	Development of Biomarkers for Companion Diagnosis and Oncofertility by Using Health Data	許明暉 所長 Min-Huei (Marc) Hsu, MD, PhD Professor and Director, Graduate Institute of Data Science, Taipei Medical University, Taiwan, ROC		陳立宗 特聘研究員 Li-Tzong Chen, MD, PhD Joint-Appointed Distinguished Investigator, National Institute of Cancer Research, NHRI, Taiwan, ROC
Panel Discussion				
16:10-16:50	Moderator: 熊昭 名譽研究員 Chao Agnes Hsiung, PhD 李健逢 研究員級主治醫師 Chien-Feng Li, MD, PhD Panelists: 邀請所有演講者與主持人參加 All speakers and moderators are invited.			
16:50-17:00	Closing Remarks	吳秀英 主任秘書 Shiow-Ing Wu, PhD Secretary General, NHRI, Taiwan, ROC		