



AsiaPacific Forum on Population Genomics 2019

Ever since President Obama announced the launch of Precision Medicine Initiative, building a national research cohort that reflects the diversity of the country's population, the US Program has shed light on how genetics, environment, lifestyle and other factors can contribute to health and disease. Similarly, Genomic England has been embracing genomics-based technology and targeting patient cohorts with a range of rare diseases, cancers and infectious diseases. These key research themes signal the importance of precision medicine solutions at a population scale in the world today. We hope this 2-day conference will help bring together innovative developers and researchers from US, Canada, Australia, Japan and Taiwan, share and learn from the lessons and strategies of the early adopters, and establish international collaboration to accelerate precision medicine in Taiwan.

Venue : The Place Taipei 10F, No. 196, Jingmao 2nd Road, Nangang District, Taipei City, Taiwan

南港老爺行旅 10F 無邊際會議廳 台北市南港區經貿二路 196 號 10F

Hosted by : National Health Research Institutes & Illumina, Inc.

Saturday || 6 JULY

Agenda

TIME	TOPIC	SPEAKER
Session I : Press Conference		
10:00-10:05	Opening Remarks	Kung-Yee Liang 梁廣義 President, National Health Research Institutes
10:05-10:15	Flagship Program of Precision Medicine for AsiaPacific Biomedical Silicon Valley Progress in Rare Diseases – Announcement of Taiwan Rare Disease Network, TRDN	Shih-Feng Tsai 蔡世峯 Director, Department of Research Planning and Development, National Health Research Institutes
10:15-10:20	Genetic Testing Services of Rare Diseases in Taiwan – from TFRD Aspect	Ruth Kuan-Ju Chen 陳冠如 Executive Director, Taiwan Foundation for Rare Disorders
10:20-10:25	Clinicians’ Perspectives on TRDN	
10:25-10:30	Patient Advocacy Groups’ Perspectives on TRDN	
10:30-	Meet the Media	
Session II : Panel Presentations		
TIME	TOPIC	SPEAKER
13:20-13:40	Registration	
13:40-14:00	Flagship Program of Precision Medicine for Asia-Pacific Biomedical Silicon Valley	Shih-Feng Tsai 蔡世峯 Director, Department of Research Planning and Development, National Health Research Institutes
14:00-14:25	Implementing Pharmacogenomics into Clinical Care	Mark Dunnenberger Director, Pharmacogenomics, Mark R. Neumann Center for Personalized Medicine, NorthShore University HealthSystem, USA
14:25-14:50	Trans-Ethnic Comparative Genomics Study on Upper Tract Urothelial Carcinoma	Tzu-Chun Wei 魏子鈞 Attending Physician, Department of Urology, Taipei Veterans General Hospital
14:50-15:15	Using Novel Genetic Screening Paradigm to Identify Key Genes for Brain Malformations	Jin-Wu Tsai 蔡金吾 Associate Professor, Institute of Brain Institute, School of Medicine, National Yang-Ming University
15:15-15:45	Refreshment Break	
15:45-16:10	Genetic Alterations in Blood Cancer	Lee-Yung Shih 施麗雲 Professor, Internal Medicine, Chang Gung University Attending Physician, Chang Gung Memorial Hospital
16:10-16:35	Genetic Epidemiology and Precision Medicine of Childhood Hearing Impairment in Taiwan	Chen-Chi Wu 吳振吉 Professor, Department of Otolaryngology, College of Medicine, National Taiwan University
16:35-17:00	Diagnostic Odyssey of Rare Diseases	Shuan-Pei Lin 林炫沛 Professor, Mackay Medical College Senior Attending Physician, Department of Pediatrics, MacKay Memorial Hospital
17:00	Meeting Close	

Sunday || 7 JULY

Agenda

TIME	TOPIC	SPEAKER
08:45-09:15	Registration	
09:15-09:30	Opening Ceremony/Remarks	Kung-Yee Liang, President, National Health Research Institutes Shih-Chung Chen, Minister of Health and Welfare Xavier Chan, Director, Population Genomics for Asia Pacific, Japan and China, Illumina
Chair I : Huey-Kang Sytwu, Vice President, NHRI		
09:30-10:10	The Molecular Pathology of Cancers of Unmet Need	Sean Grimmond (AU) Director, Centre for Cancer Research, University of Melbourne
10:10-10:50	The Changing World of Human Genomics	Peter Goodhand (CA) CEO, Global Alliance for Genomics and Health
10:50-11:10	Refreshment Break	
Chair II : Chao A. Hsiung, Director, Institute of Population Health Sciences, NHRI		
11:10-11:40	Population Genomics and Precision Medicine: A Taiwan Perspective	Shih-Feng Tsai (TW) Director, Department of Research Planning and Development, National Health Research Institutes
11:40-12:10	A New Neurological Disease Identified by Initiative on Rare and Undiagnosed Disease (IRUD)	Shigeo Kure (JP) Deputy Director, Tohoku Medical Megabank Organization, Tohoku University Graduate School of Medicine Jun Yasuda (JP) Director, Genomic Medical Center, Miyagi Cancer Center Research Institute
12:30-13:30	Lunch	
Chair III : Jun Yasuda, Director, Genomic medical center, Miyagi Cancer Center		
13:30-14:00	Complex Disease Genetics – Hong Kong Perspective	Pak Chung Sham (HK) Director, Centre of Genomic Sciences, The University of Hong Kong
14:00-14:30	The Million Veterans Program: A Partnership with U.S. Veterans for Genomic Discovery	Philip Tsao (US) Professor, Medicine (Cardiovascular Medicine), Stanford University School of Medicine
14:30-14:50	Refreshment Break	
Chair IV : Shih-Feng Tsai, Director, Department of Research Planning and Development, NHRI		
14:50-15:20	Informatics Considerations for Genomics at Scale	Donavan Cheng (US) Director, Population Genomics, Illumina
15:20-15:50	Global Trends and Future Directions of Population Genomics	Xavier Chan (SG) Director, Population Genomics for Asia Pacific, Japan and China, Illumina
15:50-16:50	Panel Discussion	Graeme Bethel (AUS) Sr. Manager, Population Genomics, Illumina
16:50	Meeting Close	