

2020 Progress Report Meeting of MOHW Cancer Research Projects and International Symposium on Application of Big Data in Prevention and Treatment of Cancer

Date:	November 28, 2020 (Saturday)		
Venue:	1001 Conference Hall, Chang Yung-Fa Foundation International Convention Center 張榮發基金會國際會議中心 1001 會議廳 (台北市中正區中山南路 11 號)		
Sponsor:	Ministry of Health and Welfare 衛生福利部		
Funding Source:	Health and Welfare Surcharge on Tobacco Products 菸品健康福利捐		
Organizer:	National Health Research Institutes 國家衛生研究院		
Scientific Organizing Committee:	Dr. Huey-Kang Sytwu 司徒惠康 副院長 (Chairman)		
	Dr. Jang-Yang Chang 張俊彥 特聘研究員	Dr. Andrew T. Huang 黃達夫 院長	
	Dr. Li-Tzong Chen 陳立宗 所長	Dr. Chiun-Sheng Huang 黃俊升 主任	
	Dr. Ann-Lii Cheng 鄭安理 榮譽院長	Dr. Shih Feng Tsai 蔡世峯 處長	
	Dr. Chao A. Hsiung 熊 昭 特聘研究員	Dr. Lu-Hai Wang 王陸海 副校長	

PROGRAM

08:30 – 09:00 **Registration**

09:00 – 09:10 **Opening Remarks**

Session 1: Keynote Speech

Session Chairman **Dr. Shih-Feng Tsai** 蔡世峯 處長
Department of Research Planning and Development
National Health Research Institutes, Taiwan

09:10 – 09:50 **Impact of COVID-19 on Data Science and Precision Medicine**

Dr. Yu Shyr 石 瑜 教授
Department of Biostatistics
Vanderbilt University Medical Center, USA

Session 2: Big Data in Cancer Prevention and Care

Session Chairman **Dr. Chao A. Hsiung** 熊 昭 特聘研究員
Institute of Population Health Sciences
National Health Research Institutes, Taiwan

Dr. Ying-Wei Wang 王英偉 署長
Health Promotion Administration
Ministry of Health and Welfare, Taiwan

09:50 – 10:20	Polygenic Risk Scores and Cancer Prevention <i>Dr. Nilanjan Chatterjee</i> Johns Hopkins Bloomberg School of Public Health, USA
10:20 – 10:40	Group Photo & Coffee Break
10:40 – 11:10	Precision Science in Cancer Prevention <i>Dr. Hsiu-Hsi Chen</i> 陳秀熙 教授 College of Public Health National Taiwan University, Taiwan
11:10 – 11:40	Risk Prediction for Lung Cancer among Never-smoking Women <i>Dr. Chao A. Hsiung</i> 熊 昭 特聘研究員 Institute of Population Health Sciences National Health Research Institutes, Taiwan
11:40 – 12:20	Poster Session
12:20 – 13:00	Lunch
Session 3: Keynote Speech	
Session Chairman	<i>Dr. Lu-Hai Wang</i> 王陸海 副校長 China Medical University, Taiwan
13:00 – 13:40	Building Precision Health Big Data in Taiwan: the Role NHRI Plays <i>Dr. Kung-Yee Liang</i> 梁賡義 院長 National Health Research Institutes, Taiwan
Session 4: Breast Cancer	
Session Chairman	<i>Dr. Lu-Hai Wang</i> 王陸海 副校長 China Medical University, Taiwan <i>Dr. Chiun-Sheng Huang</i> 黃俊升 主任 Department of Surgery National Taiwan University Hospital, Taiwan
13:40 – 14:10	Young Female Breast Cancer in East Asia: A New Disease Entity <i>Dr. Ching-Hung Lin</i> 林季宏 主任 Department of Oncology National Taiwan University Hospital, Taiwan
14:10 – 14:40	Application of Neural Network and Cluster Analyses to Differentiate TCM Patterns in Patients with Breast Cancer <i>Dr. Sheng-Teng Huang</i> 黃升騰 主任 Chinese Medicine-Internal Medicine China Medical University Hospital, China Medical University, Taiwan

14:40 – 15:10 **Improvement of Cancer Care Quality Using NCD (National Clinical Database) in Japan**

Dr. Seigo Nakamura

Department of Surgery

Showa University, Japan

15:10 – 15:25 **Coffee Break**

Session 5: Oral Cancer

Session Chairman *Dr. Jang-Yang Chang* 張俊彥 特聘研究員
National Institute of Cancer Research
National Health Research Institutes, Taiwan

Dr. Ko-Jiunn Liu 劉柯俊 副所長

National Institute of Cancer Research

National Health Research Institutes, Taiwan

15:25 – 15:55 **Genome-wide CRISPR/Cas9 Screens Reveal Fitness Genes in Oral Squamous Cell Carcinoma**

Dr. Sok Ching Cheong

Head and Neck Cancer Research Team

Cancer Research Malaysia, Malaysia

15:55 – 16:25 **Biosignature Approach to the Development of Clinically Applicable Saliva Protein Biomarkers for Oral Cancer**

Dr. Jau-Song Yu 余兆松 教授

Molecular Medicine Research Center

Chang Gung University, Taiwan

Session 6: Leukemia

Session Chairman *Dr. Alice Lin-Tsing Yu* 陳鈴津 院士
Institute of Stem Cell and Translational Cancer Research
Chang Gung Memorial Hospital, Taiwan

16:25 – 16:55 **Characterization of Genetic Subtypes and Minimal Residual Disease Monitoring in Pediatric Acute Lymphoblastic Leukemia**

Dr. Lee-Yung Shih 施麗雲 教授

Division of Hematology-Oncology

Chang Gung Memorial Hospital, Taiwan

16:55 – 17:25 **Genomic Landscape in Acute Myeloid Leukemia and Its Implications in Personalized Treatment**

Dr. Hwei-Fang Tien 田蕙芬 教授

Division of Hematology

National Taiwan University Hospital, Taiwan

Session 7: Panel Discussion

Session Chairman ***Dr. Huey-Kang Sytwu*** 司徒惠康 副院長
National Health Research Institutes, Taiwan

17:25 – 18:00 **Panelist :**

Dr. Hsiu-Hsi Chen 陳秀熙 教授
College of Public Health
National Taiwan University, Taiwan

Dr. Yi-Hsin Yang 楊奕馨 研究員
National Institute of Cancer Research
National Health Research Institutes, Taiwan

Dr. Shih-Feng Tsai 蔡世峯 處長
Department of Research Planning and Development
National Health Research Institutes, Taiwan