

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

Date:	<i>November 28, 2020 (Saturday)</i>	
Venue:	<i>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)</i>	
Sponsor:	<i>Ministry of Health and Welfare 衛生福利部</i>	
Funding Source:	<i>Health and Welfare Surcharge on Tobacco Products 菸品健康福利捐</i>	
Organizer:	<i>National Health Research Institutes 國家衛生研究院</i>	
Scientific Organizing Committee:	<i>Dr. Huey-Kang Sytwu 司徒惠康 副院長 (Chairman)</i>	
	<i>Dr. Jang-Yang Chang 張俊彥 特聘研究員</i>	<i>Dr. Andrew T. Huang 黃達夫 院長</i>
	<i>Dr. Li-Tzong Chen 陳立宗 所長</i>	<i>Dr. Chiun-Sheng Huang 黃俊升 主任</i>
	<i>Dr. Ann-Lii Cheng 鄭安理 榮譽院長</i>	<i>Dr. Shih Feng Tsai 蔡世峯 處長</i>
	<i>Dr. Chao A. Hsiung 熊 昭 特聘研究員</i>	<i>Dr. Lu-Hai Wang 王陸海 副校長</i>

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**
Dr. Nilanjan Chatterjee
 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**
Dr. Hsiu-Hsi Chen 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**
Dr. Chao A. Hsiung 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 *Dr. Lu-Hai Wang* 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**
Dr. Kung-Yee Liang 梁賡義 院長
 National Health Research Institutes, Taiwan
- Session 4: Breast Cancer**
- Session Chairman *Dr. Lu-Hai Wang* 王陸海 副校長
 China Medical University, Taiwan
- Dr. Chiun-Sheng Huang* 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**
Dr. Ching-Hung Lin 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**
Dr. Sheng-Teng Huang 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