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Date:	December 9, 2023 (Saturday)		
Venue:	801 Conference Hall, Chang Yung-Fa Foundation International Convention Center 張榮發基金會國際會議中心 801 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. Wayne Huey-Herng Sheu 許惠恒 副院長 (Chairman)		
	Dr. Jang Yang Chang 張俊彥 院長	Dr. Jun-Yang Liou 劉俊揚 處長	
	Dr. Hung-Yi Chiou 邱弘毅 所長	Dr. Ko-Jiunn Liu 劉柯俊 代理所長	
	Dr. Mien-Chie Hung 洪明奇 校長	Dr. Muh-Hwa Yang 楊慕華 副校長	
	Dr. Wen-Chun Hung 洪文俊 特聘研究員	Dr. Yun Yen 閻雲 講座教授	

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## **PROGRAM (Tentative)**

08:30 – 08:50	<b>Registration</b>
08:50 – 09:00	<b>Opening Remarks</b> <i>Dr. Jih-Haw Chou</i> 周志浩 常務次長 Ministry of Health and Welfare, Taiwan
<b>Keynote Speech 1:</b>	
Session Chairman	<i>Dr. Yun Yen</i> 閻雲 講座教授 Master Program in Graduate Institute of Cancer Biology and Drug Discovery Taipei Medical University, Taiwan
09:00 – 09:40	<b>Neoantigen (Peptide and mRNA), TCR-engineered T cell and Bispecific Antibody for Cancer Treatment</b> <i>Dr. Yusuke Nakamura</i> National Institutes of Biomedical Innovation, Health and Nutrition, Japan
<b>Keynote Speech 2:</b>	
Session Chairman	<i>Dr. Mien-Chie Hung</i> 洪明奇 校長 China Medical University, Taiwan

09:40 – 10:20 **Cancer Prevention: Targeting Cancer in Rare Diseases**

***Dr. Jean Y. Tang***

Department of Dermatology

Stanford University School of Medicine, U.S.A.

10:20 – 10:40 **Group Photo & Coffee Break**

### **Session 1: Nucleic Acid Therapeutics**

Session Chairman ***Dr. Jang-Yang Chang*** 張俊彥 院長

Taipei Cancer Center

Taipei Medical University, Taiwan

***Dr. Hsing-Pang Hsieh*** 謝興邦 所長

Institute of Biotechnology and Pharmaceutical Research

National Health Research Institutes, Taiwan

10:40 – 11:05 **mRNA-4157 (V940) Individualized Neoantigen Therapy: mRNA Therapeutics Coming of Age in Cancer**

***Dr. Raquel Deering***

Moderna Cancer Vaccine Research, U.S.A.

11:05 – 11:30 **The Potential and Challenges of CRISPR Gene Therapy for HBV Cure**

***Dr. Hung-Chih Yang*** 楊宏志 教授

Graduate Institute of Microbiology

National Taiwan University, Taiwan

11:30 – 11:55 **Preclinical Development of DNA Vaccines**

***Dr. Shih-Jen Liu*** 劉士任 副所長

National Institute of Infectious Diseases and Vaccinology

National Health Research Institutes, Taiwan

### **Poster Discussion:**

Session Chairman ***Dr. Wen-Chun Hung*** 洪文俊 特聘研究員

National Institute of Cancer Research

National Health Research Institutes, Taiwan

11:55 – 12:30 **Selected Poster Oral Presentation and Discussion**

- Central Presentation (3 min presentation for each selected poster; 5-6 posters will be selected)

- No questions directly after talk and switch presenters during applause

- Central Discussion

12:30 – 13:10 **Lunch**

13:10 – 13:40 **Poster Session**

### Keynote Speech 3:

Session Chairman **Dr. Tzyy-Choou Wu** 吳子丑 院士  
Department of Pathology  
The Johns Hopkins Medical Institutions, U.S.A.

13:40 – 14:20 **Targeting Immunotherapy to the Tumor Microenvironment**  
**Dr. Lieping Chen** 陳列平 院士  
Department of Immunobiology  
Yale School of Medicine, U.S.A.

### Session 2: Immunotherapy

Session Chairman **Dr. Muh-Hwa Yang** 楊慕華 副校長  
National Yang Ming Chiao Tung University, Taiwan  
**Dr. James Chih-Hsin Yang** 楊志新 院長  
National Taiwan University Cancer Center, Taiwan

14:20 – 14:45 **Tailoring T Cell Anti-tumor Immunity by Re-wiring Mitochondrial Dynamics**  
**Dr. Ping-Chih Ho** 何秉智 教授  
Ludwig Institute for Cancer Research  
University of Lausanne, Switzerland

14:45 – 15:10 **Novel Target for Dendritic Cell-based Cancer Immunotherapy**  
**Dr. Tai-Lung Cha** 查岱龍 教授  
National Defense Medical Center, Taiwan

15:10 – 15:35 **Immunotherapy Revolutionized Stage 1-4 Lung Cancer Treatment**  
**Dr. James Chih-Hsin Yang** 楊志新 院長  
National Taiwan University Cancer Center, Taiwan

15:35 – 15:55 **Coffee Break**

### Session 3: Clinical and Public Health

Session Chairman **Dr. Wei J. Chen** 陳為堅 副院長  
National Health Research Institutes, Taiwan  
**Counselor Ming Hsun Liu** 劉明勳 技監  
Office of Science and Technology  
Ministry of Health and Welfare, Taiwan

15:55 – 16:20 **Avatar Medicine: Organ/Tumor on Chip Re-constructing Micro-environment *in Vitro* for Disease Model and Drugs Tests**  
**Dr. Cheng-Hsien Liu** 劉承賢 教授  
Department of Power Mechanical Engineering  
National Tsing Hua University, Taiwan

16:20 – 16:45 **Pancreatic Cancer Treatment in the COVID-19 Era: NCKUH's Experience**  
**Dr. Yan-Shen Shan** 沈延盛 院長  
College of Medicine  
National Cheng Kung University, Taiwan

- 16:45 – 17:10      **Cancer Research: from Precision Medicine to Precision Health**  
*Dr. Chun-Ying Wu* 吳俊穎 副院長  
College of Medicine  
National Yang Ming Chiao Tung University, Taiwan
- 17:10 – 17:20      **Closing Remarks**  
*Dr. Huey-Kang Sytwu* 司徒惠康 院長  
National Health Research Institutes, Taiwan