

104 年度國家衛生研究院生物醫學學術研討會  
2015 Biomedical Research Symposium of National Health Research Institutes

**August 10, 2015 (Monday)**

09:30 – 10:00      **Registration**

10:00                **Opening Remarks (Venue: Auditorium)**

***Dr. Hsing-Jien Kung***

National Health Research Institutes, Taiwan

龔行健院長 國家衛生研究院

---

**Plenary Lecture (Venue: Auditorium)**

Chairperson

***Dr. Hsing-Jien Kung***

National Health Research Institutes, Taiwan

龔行健院長 國家衛生研究院

10:10 – 11:00      **科技創新作為**

***Dr. Chung-Liang Chien***

Ministry of Science and Technology, Executive Yuan, Taiwan

錢宗良政務次長 行政院科技部

---

11:00 – 12:00      Poster Session I – odd numbers

12:00 – 13:00      Lunch

**Symposium Session I (Venue: 2 Conference Rooms)**

**Symposium Session I (A): Biomedical Science (Venue: Auditorium)**

Chairpersons

***Dr. Edward T. H. Yeh*** 葉篤行院士

Department of Cardiology, The University of Texas M.D. Anderson Cancer Center, U.S.A.

***Dr. Tse-Hua Tan***

Immunology Research Center, National Health Research Institutes, Taiwan

譚澤華特聘研究員 國家衛生研究院免疫醫學研究中心

13:00 – 13:30      **Nucleocapsid Phosphorylation as a Key for Coronavirus Transition from Discontinuous to Continuous Transcription**

***Dr. Shiou-Hwei Yeh***

Graduate Institute of Microbiology, College of Medicine, National Taiwan University, Taiwan

葉秀慧教授 國立臺灣大學醫學院微生物學科暨研究所

13:30 – 14:00      **Structural Enzymology Leads to Novel Lipoglycopeptide Antibiotics**

***Dr. Tsung-Lin Li***

Genomics Research Center, Academia Sinica, Taiwan

李宗璘副研究員 中央研究院基因體研究中心

14:00 – 14:30      **Genetic and Translational Research of Kawasaki Disease – from Susceptibility Genes Identification to Biomarkers Discovery**

***Dr. Jer-Yuarn Wu***

Institute of Biomedical Sciences, Academia Sinica, Taiwan

鄔哲源研究技師 中央研究院生物醫學科學研究所

14:30 – 15:00      **Immunomodulatory Mechanisms of Human Mesenchymal Stem Cells (MSCs): Relevance for Cancer Therapy**  
*Dr. B Linju Yen*  
Institute of Cellular and System Medicine, National Health Research Institutes, Taiwan  
顏伶汝研究員級主治醫師 國家衛生研究院細胞及系統醫學研究所

**Symposium Session I (B): Population Health Research (Venue: Conference Room 3)**

Chairpersons      *Dr. Tun-Hou Lee* 李敦厚教授  
Department of Immunology and Infectious Diseases, Harvard School of Public Health, U.S.A.  
*Dr. Chao Agnes Hsiung*  
Institute of Population Health Sciences, National Health Research Institutes, Taiwan  
熊昭特聘研究員 國家衛生研究院群體健康科學研究所

13:00 – 13:30      **The Impacts of Payment Reform on Cost and Quality of Care: Evidence from Taiwan's National Health Insurance (NHI) Program**  
*Dr. Shou-Hsia Cheng*  
Institute of Health Policy and Management, College of Public Health, National Taiwan University, Taiwan  
鄭守夏教授 國立臺灣大學公共衛生學院健康政策與管理研究所

13:30 – 14:00      **NetPharmalogs for Drug Development and Applications**  
*Dr. Jinn-Moon Yang*  
Institute of Bioinformatics and Systems Biology, College of Biological Science and Technology, National Chiao Tung University, Taiwan  
楊進木教授 國立交通大學生物科技學院生物資訊及系統生物研究所

14:00 – 14:30      **Health and Research Implications of Medication Use among the Elderly**  
*Dr. Hsiang-Wen (Margaret) Lin*  
School of Pharmacy, College of Pharmacy, China Medical University, Taiwan  
林香汶副教授 中國醫藥大學藥學院藥學系

14:30 – 15:00      **Epidemiologic Investigation of Head and Neck Cancer**  
*Dr. Jeffrey Shu-Ming Chang*  
National Institute of Cancer Research, National Health Research Institutes, Taiwan  
張書銘副研究員 國家衛生研究院癌症研究所

**Poster Discussion : Group D - Medical Engineering (Venue: Conference Room 4)**

13:00 – 15:00      Chairperson  
*Dr. Savio L-Y. Woo* 胡流源院士  
Musculoskeletal Research Center, Department of Bioengineering, University of Pittsburgh, Center for Bioengineering, U.S.A.

15:00 – 15:30      Coffee Break

## **Symposium Session II (Venue: 2 Conference Rooms)**

### **Symposium Session II (A): Cancer Research (Venue: Auditorium)**

- Chairpersons      **Dr. Tso-Pang Yao** 姚佐邦教授  
Department of Pharmacology and Cancer Biology, Duke University, U.S.A.
- Dr. Li-Tzong Chen**  
National Institute of Cancer Research, National Health Research Institutes, Taiwan  
陳立宗特聘研究員 國家衛生研究院癌症研究所
- 15:30 – 16:00      **Breaking Down the Tumor Microenvironment: A New Approach to Tumor Immunotherapy**  
                         **Dr. Chun-Yen Lin**  
Division of Hepatology, Chang Gung Memorial Hospital Linkou Medical Center, Taiwan  
林俊彥教授 長庚紀念醫院林口醫學中心胃腸肝膽科
- 16:00 – 16:30      **EGFR: From Biology to Therapy in Breast Cancers**  
                         **Dr. Yung-Luen Yu**  
Graduate Institute of Cancer Biology, College of Medicine, China Medical University, Taiwan  
余永倫副教授 中國醫藥大學醫學院癌症生物學研究所
- 16:30 – 17:00      **Epigenetic Regulation in Diseases and Development**  
                         **Dr. Li-Jung Juan**  
Genomics Research Center, Academia Sinica, Taiwan  
阮麗蓉研究員 中央研究院基因體研究中心
- 17:00 – 17:30      **Lead to Drug Candidate: Novel Kinase Inhibitors in Cancer Therapy**  
                         **Dr. Hsing-Pang Hsieh**  
Institute of Biotechnology and Pharmaceutical Research, National Health Research Institutes, Taiwan  
謝興邦研究員 國家衛生研究院生技與藥物研究所

### **Symposium Session II (B): Medical Engineering (Venue: Conference Room 3)**

- Chairpersons      **Dr. Savio L-Y. Woo** 胡流源院士  
Musculoskeletal Research Center, Department of Bioengineering, University of Pittsburgh, Center for Bioengineering, U.S.A.
- Dr. Feng-Huei Lin**  
Institute of Biomedical Engineering and Nanomedicine, National Health Research Institutes, Taiwan  
林峯輝特聘研究員 國家衛生研究院生醫工程與奈米醫學研究所
- 15:30 – 16:00      **Mechanical Neck Disorders: Investigated from Biomechanical to Neurophysiologic Aspects**  
                         **Dr. Lan-Yuen Timothy Guo**  
Department of Sports Medicine, College of Medicine, Kaohsiung Medical University, Taiwan  
郭藍遠教授 高雄醫學大學醫學院運動醫學系
- 16:00 – 16:30      **Brain Structural and Functional Signatures for Dementia, MCI, and Frailty**  
                         **Dr. Ching-Po Lin**  
Institute of Neuroscience, School of Life Sciences, National Yang-Ming University, Taiwan  
林慶波教授 國立陽明大學生命科學院神經科學研究所

- 16:30 – 17:00      **3-D Pancreatic Neurovascular Histology in Health and Disease**  
*Dr. Shiue-Cheng Tang*  
Institute of Biotechnology, College of Life Science, National Tsing Hua University,  
Taiwan  
湯學成教授 國立清華大學生命科學院生物科技研究所
- 17:00 – 17:30      **Non-Imaging Ultrasound for Biomedical Applications**  
*Dr. Gin-Shin Chen*  
Institute of Biomedical Engineering and Nanomedicine, National Health Research  
Institutes, Taiwan  
陳景欣副研究員 國家衛生研究院生醫工程與奈米醫學研究所
- 18:00 –              Welcome Dinner

104 年度國家衛生研究院生物醫學學術研討會  
2015 Biomedical Research Symposium of National Health Research Institutes

**August 11, 2015 (Tuesday)**

---

**Plenary Lecture (Venue: Auditorium)**

- Chairperson      **Dr. Kenneth K. Wu** 伍焜玉院士  
University of Texas at Houston, U.S.A.
- 09:00 – 09:50      **Molecular Carcinogenesis and Prevention of Liver Cancer - A Study from Children to Adults**  
  
**Dr. Mei-Hwei Chang**  
Hepatitis Research Center, National Taiwan University Hospital, Taiwan  
張美惠教授 國立臺灣大學附設醫院肝炎研究中心
- 

**Symposium Session III (Venue: 2 Conference Rooms)**

**Symposium Session III (A): Molecular Genetics and Medicine (Venue: Auditorium)**

- Chairpersons      **Dr. Yung-Chi Cheng** 鄭永齊院士  
Department of Pharmacology, Yale University, U.S.A.
- Dr. Shih-Feng Tsai**  
Institute of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan  
蔡世峰特聘研究員 國家衛生研究院分子與基因醫學研究所
- 10:00 – 10:30      **Regulation of Erythroid Differentiation and Gene Transcription- Basic and Translational Aspects**  
  
**Dr. Che-Kun James Shen**  
Institute of Molecular Biology, Academia Sinica, Taiwan  
沈哲鯤特聘研究員 中央研究院分子生物研究所
- 10:30 – 11:00      **Decoding Calcium Signaling in Cancer Cells**  
  
**Dr. Meng-Ru Shen**  
Department & Institute of Pharmacology, College of Medicine, National Cheng Kung University, Taiwan  
沈孟儒特聘教授 國立成功大學醫學院藥理學科暨研究所
- 11:00 – 11:30      **Gene Mutations and Clonal Evolution in the Progression of Myeloid Neoplasms**  
  
**Dr. Lee-Yung Shih**  
School of Medicine, College of Medicine, Chang Gung University, Taiwan  
施麗雲教授 長庚大學醫學院醫學系
- 11:30 – 12:00      **Targeting to ENO1 as A Novel Immunotherapy for Cancers and Immunological Disorders**  
  
**Dr. Neng-Yao Shih**  
National Institute of Cancer Research, National Health Research Institutes, Taiwan  
施能耀副研究員 國家衛生研究院癌症研究所

### **Symposium Session III (B): Neural Science (Venue: Conference Room 3)**

Chairpersons	<i>Dr. De-Maw Chuang</i> 莊德茂院士 Section on Molecular Neurobiology, National Institute of Mental Health, National Institutes of Health, U.S A.  <i>Dr. Yun Wang</i> Center for Neuropsychiatric Research, National Health Research Institutes, Taiwan 王昀特聘研究員 國家衛生研究院神經及精神醫學研究中心
10:00 – 10:30	<b>A Cascade for Stress-Induced Analgesia:Neuropeptide S→Orexin→Substance P →glutamate (mGluR5) →endocannabinoid</b>  <i>Dr. Lih-Chu Chiou</i> Department of Pharmacology, College of Medicine, National Taiwan University, Taiwan 邱麗珠教授 國立臺灣大學醫學院藥理學科暨研究所
10:30 – 11:00	<b>Theta Burst Stimulation for the Human Motor Plasticity Study in Health and Parkinson's Disease</b>  <i>Dr. Ying-Zu Huang</i> Department of Medicine, School of Medicine, Chang Gung University, Taiwan 黃英儒副教授 長庚大學醫學院醫學系
11:00 – 11:30	<b>Modulating Neuroinflammation Ameliorates the Deficits in the Alzheimer's Disease Models</b>  <i>Dr. Irene Han-Juo Cheng</i> Institute of Brain Science, College of Medicine, National Yang-Ming University, Taiwan 鄭菡若副教授 國立陽明大學醫學院腦科學研究所
11:30 – 12:00	<b>Bi-directional Roles of Aryl hydrocarbon Receptor in the Microglia-mediated Neuroinflammation</b>  <i>Dr. Feng-Shiun Shie</i> Center for Neuropsychiatric Research, National Health Research Institutes, Taiwan 謝奉勳副研究員 國家衛生研究院神經及精神醫學研究中心
12:00 – 13:00	Lunch
13:00 – 14:00	Poster Session II – even numbers

### **Poster Discussion : (Venue: 5 Conference Rooms )**

14:00 – 16:30	Chairpersons  Group A - Biomedical Science (Venue: Conference Room 2) <i>Dr. Edward T. H. Yeh</i> 葉篤行院士 Department of Cardiology, The University of Texas M.D. Anderson Cancer Center, U.S.A.  Group B - Neuroscience (Venue: Conference Room 1) <i>Dr. Horace H. Loh</i> 羅浩院士 Department of Pharmacology, University of Minnesota, U.S.A.  Group C - Cancer Research (Venue: Conference Room 3) <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Department of Pharmacology and Cancer Biology, Duke University, U.S.A.
---------------	---

Group D - Medical Engineering (Venue: Conference Room 4)

**Dr. Savio L-Y. Woo** 胡流源院士

Musculoskeletal Research Center, Department of Bioengineering, University of Pittsburgh, Center for Bioengineering, U.S.A.

Group E - Population Health Research (Venue: Conference Room 6)

**Dr. Tun-Hou Lee** 李敦厚教授

Department of Immunology and Infectious Diseases, Harvard School of Public Health, U.S.A.

16:40

Adjourn