

九十九年度國家衛生研究院生物醫學學術研討會  
2010 Biomedical Research Symposium of National Health Research Institutes

**August 17, 2010 (Tuesday)**

09:30 – 10:00      **Registration**

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

**Dr. Kenneth K. Wu**

National Health Research Institutes, Taiwan

伍焜玉院長 國家衛生研究院

**Plenary Lecture (Venue: Auditorium)**

Chairperson

**Dr. Chien Ho** 何潛院士

Department of Biological Sciences, Carnegie Mellon University, U.S.A.

10:10 – 11:00      **Genetic Principle of Cancer Origin**

**Dr. Wen-Hwa Lee** 李文華院士

Department of Biological Chemistry, University of California, Irvine, U.S.A.

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): Cancer Research (Venue: Conference Room 2)**

Chairpersons

**Dr. Leroy F. Liu** 劉昉院士

Department of Pharmacology, Robert Wood Johnson Medical School, U.S.A.

**Dr. Jang-Yang Chang**

National Institute of Cancer Research, National Health Research Institutes, Taiwan

張俊彥特聘研究員 國家衛生研究院癌症研究所

13:00 – 13:30      **Role of Cytokine and Viral Reactivation in EBV Infection and in EBV-associated Diseases**

**Dr. Ching-Hwa Tsai**

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

蔡錦華教授 國立臺灣大學醫學院微生物學科暨研究所

13:30 – 14:00      **A Ubiquitin-dependent Mechanism for Aberrant PML Destruction in Tumors**

**Dr. Ruey-Hwa Chen**

Institute of Biological Chemistry, Academia Sinica, Taiwan

陳瑞華研究員 中央研究院生物化學研究所

14:00 – 14:30      **Telomere Replication in Yeast, Cancer, and Stem Cells**

**Dr. Shu-Chun Teng**

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

鄧述諄教授 國立臺灣大學醫學院微生物學科暨研究所

14:30 – 15:00 **Structure Basis for Differential Response of Double Mutated c-kit Oncoprotein to Sunitinib and Nilotinib - A computer Assisted Virtual Modeling Study**

**Dr. Li-Tzong Chen**

National Institute of Cancer Research, National Health Research Institutes, Taiwan  
陳立宗研究員 國家衛生研究院癌症研究所

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

Chairpersons **Dr. De-Maw Chuang** 莊德茂院士  
Section on Molecular Neurobiology, National Institute of Mental Health, National Institutes of Health, U.S A.

**Dr. Jen-Yang Chen**

National Institute of Cancer Research, National Health Research Institutes, Taiwan  
陳振陽特聘研究員 國家衛生研究院癌症研究所

13:00 – 13:30 **The RNA Helicase DDX3 Regulates Cell Growth through Translational Control of Cyclin E1**

**Dr. Woan-Yuh Tarn**

Institute of Biomedical Sciences, Academia Sinica, Taiwan  
譚婉玉研究員 中央研究院生物醫學科學研究所

13:30 – 14:00 **NMDA Modulation in Mental Disorders**

**Dr. Hsien-Yuan Lane**

Graduate Institute of Clinical Medical Science, College of Medicine, China Medical University, Taiwan  
藍先元教授 中國醫藥大學醫學院臨床醫學研究所

14:00 – 14:30 **Translational Research on Malignant Brain Tumor**

**Dr. Kuo-Chen Wei**

Department of Neurosurgery, Chang-Gung Memorial Hospital (Linkou), Chang Gung Medical Foundation, Taiwan  
魏國珍助理教授 長庚醫療財團法人林口分院腦神經外科

14:30 – 15:00 **Genetic Etiology of Schizophrenia**

**Dr. Chia-Hsiang Chen**

Division of Mental Health and Addiction Medicine, Institute of Population Health Sciences, National Health Research Institutes, Taiwan  
陳嘉祥研究員 國家衛生研究院群體健康科學研究所精神與成癮醫學研究組

15:00 – 15:30 Coffee Break

**Symposium Session II (Venue: 2 Conference Rooms)****Symposium Session II (A): Biomedical Science (Venue: Conference Room 2)**

- 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
- 15:30 – 16:00 **Function and Regulation of Steroid Synthesis during Zebrafish Embryogenesis**
- Dr. Bon-Chu Chung**  
Institute of Molecular Biology, Academia Sinica, Taiwan  
鍾邦柱特聘研究員 中央研究院分子生物研究所
- 16:00 – 16:30 **The Plasticity of Fetal Immune System**
- Dr. Jeng-Chang Chen**  
Pediatric Surgery, Chang-Gung Memorial Hospital (Linkou), Chang Gung Medical Foundation, Taiwan  
陳正昌助理教授 長庚醫療財團法人林口分院小兒外科
- 16:30 – 17:00 **Activation of Abl Kinase: Signaling a Path to Neurodegeneration or Neuronal Development?**
- Dr. Jyh-Lyh Juang**  
Division of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan  
莊志立研究員 國家衛生研究院分子與基因醫學研究組
- 17:00 – 17:30 **Fetal-source Progenitor Cells: Characterization and Immunobiology**
- Dr. B Linju Yen**  
Institute of Cellular and System Medicine, National Health Research Institutes, Taiwan  
顏伶汝副研究員 國家衛生研究院細胞及系統醫學研究所

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

- Chairpersons **Dr. Savio L-Y. Woo** 胡流源院士  
Department of Bioengineering, University of Pittsburgh, Center for Bioengineering, U.S.A.
- Dr. Feng-Huei Lin**  
Division of Medical Engineering, National Health Research Institutes, Taiwan  
林峯輝研究員 國家衛生研究院醫學工程研究組
- 15:30 – 16:00 **Biomedical Applications of Optical Coherence Tomography**
- Dr. Chih-Chung (C. C.) Yang**  
Graduate Institute of Photonics and Optoelectronics, College of Electrical Engineering and Computer Science, National Taiwan University, Taiwan  
楊志忠教授 國立臺灣大學電機資訊學院光電工程學研究所

- 16:00 – 16:30      **Antibody Engineering in A New Paradigm**  
***Dr. An-Suei Yang***  
Genomics Research Center, Academia Sinica, Taiwan  
楊安綏副研究員 中央研究院基因體研究中心
- 16:30 – 17:00      **Functionalization of Silica-nanoparticles for *In Vivo* Cancer Theranostics**  
***Dr. Leu-Wei Lo***  
Division of Medical Engineering, National Health Research Institutes, Taiwan  
羅履維副研究員 國家衛生研究院醫學工程研究組
- 17:00 – 17:30      **Stretching Force, a Modifier for Aging Related Changes in Mesenchymal Stem Cells**  
***Dr. Kurt Ming-Chao Lin***  
Division of Medical Engineering, National Health Research Institutes, Taiwan  
林名釗副研究員 國家衛生研究院醫學工程研究組
- 18:00 –              Welcome Dinner

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**August 18, 2010 (Wednesday)**

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**Plenary Lecture (Venue: Auditorium)**

- Chairperson **Dr. Ming T. Tsuang** 莊明哲院士  
Center of Behavioral Genomics, Department of Psychiatry, University of California, San Diego, U.S.A.
- 09:00 – 09:50 **End-stage Liver Disease Risk Prediction in Patients Affected with Chronic Viral Hepatitis**  
**Dr. Chien-Jen Chen**  
Genomics Research Center, Academia Sinica, Taiwan  
陳建仁院士 中央研究院基因體研究中心
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**Symposium Session III (Venue: 2 Conference Rooms)**

**Symposium Session III (A): Molecular Genetics and Medicine (Venue: Conference Room 2)**

- Chairpersons **Dr. Yung-Chi Cheng** 鄭永齊院士  
Department of Pharmacology, Yale University, U.S.A.
- Dr. Shih-Feng Tsai**  
Division of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan  
蔡世峰研究員 國家衛生研究院分子與基因醫學研究組
- 10:00 – 10:30 **Genetic Aberrations in Myeloid Neoplasms**  
**Dr. Lee-Yung Shih**  
School of Medicine, Chang Gung University, Taiwan  
施麗雲教授 長庚大學醫學院醫學系
- 10:30 – 11:00 **Molecular Mechanism of Epithelial-mesenchymal Transition and Metastasis: from NBS1, HIF-1 to Bmi1**  
**Dr. Kou-Juey Wu**  
Institute of Biochemistry and Molecular Biology, School of Life Sciences, National Yang-Ming University, Taiwan  
吳國瑞教授 國立陽明大學生命科學院生化暨分子生物研究所
- 11:00 – 11:30 **Hurp Deficiency Causes Mitotic Infidelity and Impairs Liver Regeneration in Mice**  
**Dr. Ting-Fen Tsai**  
Department of Life Sciences and Institute of Genome Sciences, School of Life Sciences, National Yang-Ming University, Taiwan  
蔡亭芬教授 國立陽明大學生命科學院生命科學系暨基因體科學研究所
- 11:30 – 12:00 **udu Apoptosis Relies on Atm-Chk2-p53 Pathway**  
**Dr. Yun-Jin Jiang**  
Division of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan  
江運金副研究員 國家衛生研究院分子與基因醫學研究組

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

Chairpersons	<b>Dr. Kung-Yee Liang</b> 梁賡義 院士 Department of Biostatistics, Bloomberg School of Public Health, The Johns Hopkins University, U.S.A.  <b>Dr. Chao Agnes Hsiung</b> 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
10:00 – 10:30	<b>Translational Study of Esophageal Cancer in Taiwan</b>  <b>Dr. Ming-Tsang Wu</b> Graduate Institute of Occupational Safety and Health, College of Health Science, Kaohsiung Medical University, Taiwan 吳明蒼教授 高雄醫學大學健康科學院職業安全衛生研究所
10:30 – 11:00	<b>The Use of Corticosteroids in the Prevention of Lung Injuries in Preterm Infants--a Critical Analysis</b>  <b>Dr. Tsu F. Yeh</b> Graduate Institute of Clinical Medical Science, College of Medicine, China Medical University, Taiwan 葉純甫教授 中國醫藥大學醫學院臨床醫學研究所
11:00 – 11:30	<b>Population Study on Diabetes and the Related Metabolic Disorders</b>  <b>Dr. Hsing-Yi Chang</b> Division of Health Policy Research and Development, Institute of Population Health Sciences, National Health Research Institutes, Taiwan 張新儀副研究員 國家衛生研究院群體健康科學研究所衛生政策研究組
11:30 – 12:00	<b>Adolescent Substance Use and Problems in the Developmental and Social Context</b>  <b>Dr. Chuan-Yu Chen</b> Division of Mental Health and Addiction Medicine, Institute of Population Health Sciences, National Health Research Institutes, Taiwan 陳娟瑜副研究員 國家衛生研究院群體健康科學研究所精神與成癮醫學研究組
12:00 – 13:00	Lunch
13:00 – 14:00	Poster Session II – even numbers
14:00 – 16:30	Poster Discussion (Venue: 5 Conference Rooms) Group A (Biomedical Science) : Dr. Edward T.H. Yeh 葉篤行院士(Venue: Conference Room 2) Group B (Neuroscience) : Dr. Horace H. Loh 羅浩院士(Venue: Conference Room 1) Group C (Cancer Research) : Dr. Wen-Hwa Lee 李文華院士(Venue: Conference Room 3) Group D (Medical Engineering) : Dr. Savio L-Y. Woo 胡流源院士(Venue: Conference Room 4) Group E (Population Health Research) : Dr. Kung-Yee Liang 梁賡義院士(Venue: Conference Room 6)
16:40	Adjourn