

100 年度國家衛生研究院生物醫學學術研討會
2011 Biomedical Research Symposium of National Health Research Institutes

August 15, 2011 (Monday)

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 **From DNA Topology to Cancer Therapy and Beyond**

Dr. Leroy F. Liu 劉昉院士

Department of Pharmacology, Robert Wood Johnson Medical School, 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): 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. Ih-Jen Su

National Institute of Infectious Diseases and Vaccinology, National Health Research
Institutes, Taiwan

蘇益仁特聘研究員 國家衛生研究院感染症與疫苗研究所

13:00 – 13:30 **Autophagy: A Foe of Antiviral Innate Immunity in HCV Replication**

Dr. Steve S.-L. Chen

Institute of Biomedical Sciences, Academia Sinica, Taiwan

陳士隆研究員 中央研究院生物醫學科學研究所

13:30 – 14:00 **Death-Associated Protein Kinase and PML are Required for Full NLRP3
Inflammasome Activation**

Dr. Ming-Zong Lai

Institute of Molecular Biology, Academia Sinica, Taiwan

賴明宗特聘研究員 中央研究院分子生物研究所

14:00 – 14:30 **Ndt80p a Transcriptional Regulator Involved in Stress Response in Human
Fungal Pathogen *Candida albicans***

Dr. Hsiu-Jung Lo

National Institute of Infectious Diseases and Vaccinology, National Health Research
Institutes, Taiwan

羅秀容副研究員 國家衛生研究院感染症與疫苗研究所

14:30 – 15:00 **A Sweet Path toward Oral Tolerance**
Dr. Shau-Ku Huang
Division of Environmental Health and Occupational Medicine, National Health
Research Institutes, Taiwan
黃嘯谷特聘研究員 國家衛生研究院環境衛生與職業醫學研究組

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

Chairpersons *Dr. Kung-Yee Liang*
President Office, National Yang-Ming University, Taiwan
梁賡義院士 國立陽明大學

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 **Healthy Life Styles in Young Adulthood and Ideal Cardiovascular Health in Middle-Age**
Dr. Kiang Liu 劉江教授
Department of Preventive Medicine, Feinberg School of Medicine, Northwestern University, U.S.A.

13:30 – 14:00 **From Epidemiology, Behavioral Phenotypes, to Endophenotypes of Attention-Deficit Hyperactivity Disorder: Evidence from Research in Taiwan**
Dr. Susan Shur-Fen Gau
Department of Psychiatry, National Taiwan University Hospital and College of Medicine, Taiwan
高淑芬教授 國立台灣大學醫學院附設醫院精神醫學部

14:00 – 14:30 **Upper Limb Neurorehabilitation in Patients with Stroke**
Dr. Ching-yi Wu
Department of Occupational Therapy, College of Medicine, Chang Gung University, Taiwan
吳菁宜教授 長庚大學醫學院職能治療學系

14:30 – 15:00 **U-Shaped BMI-Mortality Relationship, What does It Mean?**
Dr. Wen-Harn Pan
Division of Health Services and Preventive Medicine, Institute of Population Health Sciences, National Health Research Institutes, Taiwan
潘文涵研究員 國家衛生研究院群體健康科學研究所醫療保健研究組

15:00 – 15:30 Coffee Break

Symposium Session II (Venue: 2 Conference Rooms)

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

Chairpersons *Dr. Hsing-Jien Kung* 龔行健院士
Cancer Center, University of California, Davis, U.S.A.

Dr. Shih-Feng Tsai
Institute 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所

- 15:30 – 16:00 **Molecular Target-Based Drug Discovery. From Bench to the Clinic and Back**
Dr. Ching-Shih Chen 陳慶士教授
 Division of Medicinal Chemistry, College of Pharmacy and Comprehensive Cancer Center, The Ohio State University, U.S.A.
- 16:00 – 16:30 **The Role of Notch Signaling in Epidermal and Hair Follicle Homeostasis**
Dr. Liang-Tung Yang
 Institute of Cellular and System Medicine, National Health Research Institutes, Taiwan
 楊良棟助研究員 國家衛生研究院細胞及系統醫學研究所
- 16:30 – 17:00 **Deregulation of Protein Tyrosine Kinase Signaling in Lung Cancer**
Dr. Yi-Rong Chen
 Institute of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan
 陳怡榮副研究員 國家衛生研究院分子與基因醫學研究所
- 17:00 – 17:30 **Roles of MAP4Ks and DUSPs in Lymphocyte Signaling and Human Diseases**
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

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

- Chairpersons **Dr. Horace H. Loh** 羅浩院士
 Department of Pharmacology, University of Minnesota, U.S A.
- 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
- 15:30 – 16:00 **Neurodegeneration and Neuropathic Pain: An Integrated Approach**
Dr. Sung-Tsang Hsieh
 Graduate Institute of Anatomy and Cell Biology, College of Medicine, National Taiwan University, Taiwan
 謝松蒼教授 國立台灣大學醫學院解剖學暨細胞生物學科暨研究所
- 16:00 – 16:30 **White Matter Injury and Cerebral Palsy in Very Preterm Infants - the Effect of Infection and Hypoxia/Ischemia**
Dr. Chao-Ching Huang
 Department of Pediatrics & Institute of Clinical Medicine, College of Medicine, National Cheng Kung University, Taiwan
 黃朝慶教授 國立成功大學醫學院小兒科暨臨床醫學研究所
- 16:30 – 17:00 **Novel Functions and Regulations of a Calcium-Inhibitable Adenylyl Cyclase (AC6): Beyond cAMP?**
Dr. Yijuang Chern
 Institute of Biomedical Sciences, Academia Sinica, Taiwan
 陳儀莊研究員 中央研究院生物醫學科學研究所

17:00 – 17:30 **Structure and Function of FHA Domains in DNA Damage and Cancer Signaling**

Dr. Ming-Daw Tsai

Institute of Biological Chemistry, Academia Sinica, Taiwan

蔡明道特聘研究員 中央研究院生物化學研究所

18:00 – Welcome Dinner

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August 16, 2011 (Tuesday)

Plenary Lecture (Venue: Auditorium)

- Chairperson *Dr. Shu Chien* 錢煦院士
Departments of Bioengineering and Medicine, University of California at San Diego,
U.S.A.
- 09:00 – 09:50 **Biological Roles of DDX3 RNA Helicase in Development and Disease**
Dr. Yan-Hwa Wu Lee
President's Office, National Chiao Tung University, Taiwan
吳妍華院士 國立交通大學

Symposium Session III (Venue: 2 Conference Rooms)

Symposium Session III (A): Cancer Research (Venue: Auditorium)

- Chairpersons *Dr. Wen-Hwa Lee* 李文華院士
Department of Biological Chemistry, University of California, Irvine, U.S.A.
- 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
- 10:00 – 10:30 **The Implication of Eps8 in Cancer Formation: Is it a Master Oncoprotein?**
Dr. Tzeng-Horng Leu
Department of Pharmacology, College of Medicine, National Cheng Kung
University, Taiwan
呂增宏教授 國立成功大學醫學院藥理學科暨研究所
- 10:30 – 11:00 **The Coordination of dTTP Supply in DNA Repair**
Dr. Zee-Fen Chang
Institute of Biochemistry and Molecular Biology, School of Life Sciences, National
Yang-Ming University, Taiwan
張智芬教授 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 **Autophagy in the Anticancer Therapies with Statins and Histone Deacetylase
Inhibitors**
Dr. Ching-Chow Chen
Department of Pharmacology, College of Medicine, National Taiwan University,
Taiwan
陳青周教授 國立台灣大學醫學院藥理學研究所
- 11:30 – 12:00 **Molecular Portraits of Structural Differentiation Predict Prognosis of
Glandular Cancers in Humans**
Dr. Kelvin Kun-Chih Tsai
National Institute of Cancer Research, National Health Research Institutes, Taiwan
蔡坤志助研究員 國家衛生研究院癌症研究所

Symposium Session III (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. Chung-Shi Yang**
Center for Nanomedicine Research, National Health Research Institutes, Taiwan
楊重熙特聘研究員 國家衛生研究院奈米醫學研究中心
- 10:00 – 10:30 **Developing Evidence-Based Interventions for Gait Recovery Following Stroke**
Dr. Ray-Yau Wang
Department of Physical Therapy and Assistive Technology, School of Biomedical
Science and Engineering, National Yang-Ming University, Taiwan
王瑞瑤教授 國立陽明大學生物醫學暨工程學院物理治療暨輔助科技學系
- 10:30 – 11:00 **Advanced Technologies for the Next Generation MRI**
Dr. Jyh-Horng Chen
Department of Electrical Engineering, College of Electrical Engineering and
Computer Science, National Taiwan University, Taiwan
陳志宏教授 國立台灣大學電機資訊學院電機工程學系
- 11:00 – 11:30 **Novel Mass Spectrometry Technology Development and Their Biomedical
Applications**
Dr. Chung-Hsuan Chen
Genomics Research Center, Academia Sinica, Taiwan
陳仲瑄院士 中央研究院基因體研究中心
- 11:30 – 12:00 **Superparamagnetic Iron Oxide Nanoparticles for Stem Cells Tracking, the
Development of Novel Nanoparticles, and New Strategy for Nanomedical
Application**
Dr. Dong-Ming Huang
Center for Nanomedicine Research, National Health Research Institutes, Taiwan
黃東明副研究員 國家衛生研究院奈米醫學研究中心
- 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