

102 年度國家衛生研究院生物醫學學術研討會
2013 Biomedical Research Symposium of National Health Research Institutes

August 12, 2013 (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. Shu Chien** 錢煦院士

Departments of Bioengineering and Medicine, University of California, San Diego,
U.S.A.

10:10 – 11:00 **Novel Signaling Pathways in Cancer Cells**

Dr. Mien-Chie Hung 洪明奇院士

Department of Molecular and Cellular Oncology, University of Texas M.D.
Anderson Cancer Center, 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, 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 **Epstein-Barr Virus Induced Nuclear Structural Changes: the Story from Viral Kinase BGLF4 to Nuclear Envelope Modifying Protein BFRF1**

Dr. Mei-Ru Chen

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

陳美如教授 國立臺灣大學醫學院微生物學科暨研究所

13:30 – 14:00 **Preclinical Studies of Cardiac Stem Cell Therapy-- What Have We Learned from Pigs**

Dr. Patrick Ching-Ho Hsieh

Institute of Clinical Medicine, College of Medicine, National Cheng Kung
University, Taiwan

謝清河副教授 國立成功大學醫學院臨床醫學研究所

14:00 – 14:30 **Role of Adducin-1 in Mitosis**
Dr. Hong-Chen Chen
Institute of Biomedical Sciences, College of Life Science, National Chung Hsing University, Taiwan
陳鴻震教授 國立中興大學生命科學院生物醫學研究所

14:30 – 15:00 **Induced Neurons and Neural Stem Cells in Nerve Injury Repair**
Dr. Ing-Ming Chiu
Institute of Cellular and System Medicine, National Health Research Institutes, Taiwan
邱英明特聘研究員 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. Kiang Liu* 劉江教授
Department of Preventive Medicine, Northwestern University Medical School, 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 **Stroke Motor Rehabilitation: Research Advances and Future Perspectives**
Dr. Keh-Chung Lin
School of Occupational Therapy, College of Medicine, National Taiwan University, Taiwan
林克忠教授 國立臺灣大學醫學院職能治療學系

13:30 – 14:00 **The Role of microRNA let-7g in Anti-atherosclerosis**
Dr. Suh-Hang Hank Juo
Department of Genome Medicine, College of Medicine, Kaohsiung Medical University, Taiwan
卓夙航教授 高雄醫學大學醫學院醫學系基因體醫學科

14:00 – 14:30 **Falls in Older People: Risk Factors & Prevention Strategies**
Dr. Mau-Roung Lin
Graduate Institute of Injury Prevention and Control, College of Public Health and Nutrition, Taipei Medical University, Taiwan
林茂榮教授 臺北醫學大學公共衛生暨營養學院傷害防治學研究所

14:30 – 15:00 **Impacts of Chronic Kidney Disease on Frailty Syndrome and Quality of Life in the Elderly**
Dr. Chih-Cheng Hsu
Institute of Population Health Sciences, Division of Gerontology Research, National Health Research Institutes, Taiwan
許志成副研究員 國家衛生研究院群體健康科學研究所老年醫學研究組

15:00 – 15:30 Coffee Break

Symposium Session II (Venue: 2 Conference Rooms)

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

- Chairpersons **Dr. Yung-Chi Cheng** 鄭永齊院士
Department of Pharmacology, Yale University, 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
- 15:30 – 16:00 ***H. pylori* Virulence & Eradication to Control the progression of Gastric Precancerous Changes**
- Dr. Bor-Shyang Sheu**
Department of Internal Medicine, College of Medicine, National Cheng Kung University, Taiwan
許博翔教授 國立成功大學醫學院內科
- 16:00 – 16:30 **Role of MRE11 in Cell Proliferation, Tumor Invasion, and DNA Repair in Breast Cancer**
- Dr. Shyng-Shiou Yuan**
Department of Obstetrics and Gynecology, School of Medicine, Kaohsiung Medical University, Taiwan
袁行修教授 高雄醫學大學醫學系婦產科
- 16:30 – 17:00 **Translational Research of Natural Medicinal Products**
- Dr. Yang-Chang Wu**
School of Pharmacy, College of Pharmacy, China Medical University, Taiwan
吳永昌教授 中國醫藥大學藥學院藥學系
- 17:00 – 17:30 **Discovery and Development of 2nd-Gen EGFR Kinase Inhibitor for Lung Cancer**
- Dr. John (Tsu-An) Hsu**
Institute of Biotechnology and Pharmaceutical Research, National Health Research Institutes, Taiwan
徐祖安研究員 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)

- Chairperson **Dr. K. Kirk Shung** 熊克平教授
Department of Biomedical Engineering, University of Southern California, U.S.A.
- 15:30 – 16:00 **A Window into Biology through Spins: Myth, Reality, and New Advances**
- Dr. Zhi-Pei Liang** 梁志培教授
Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, U.S.A.
- 16:00 – 16:30 **Direct Visualization of the Effects of Pathological Conditions on Hepatobiliary Metabolism by the Use of Intravital Multiphoton Microscopy**
- Dr. Chen-Yuan Dong**
Department of Physics, College of Science, National Taiwan University, Taiwan
董成淵教授 國立臺灣大學理學院物理學系
- 16:30 – 17:30 Poster Discussion (Venue: Conference Room 3)
Group D (Medical Engineering) : Dr. Savio L-Y. Woo 胡流源院士
- 18:00 – Welcome Dinner

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August 13, 2013 (Tuesday)

Plenary Lecture (Venue: Auditorium)

Chairperson **Dr. Chien Ho** 何潛院士
Department of Biological Sciences, Carnegie Mellon University, U.S.A.

09:00 – 09:50 **Hepatitis B Virus and Autophagy in Hepatocarcinogenesis**
Dr. J.-H. James Ou 歐競雄教授
Department of Molecular Microbiology and Immunology, University of Southern California, Los Angeles, California, U.S.A.

Symposium Session III (Venue: 2 Conference Rooms)

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

Chairpersons **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.

Dr. Shih-Feng Tsai
Institute of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan
蔡世峯特聘研究員 國家衛生研究院分子與基因醫學研究所

10:00 – 10:30 **Immune Regulation and Allergic Diseases**
Dr. Bor-Luen Chiang
Graduate Institute of Immunology, College of Medicine, National Taiwan University, Taiwan
江伯倫教授 國立臺灣大學醫學院免疫學研究所

10:30 – 11:00 **Modulation of NLRP3 Inflammasome Activation by Syk Non-receptor Tyrosine Kinase and PARP1**
Dr. Wan-Wan Lin
Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University, Taiwan
林琬琬教授 臺北醫學大學醫學院醫學科學研究所

11:00 – 11:30 **Prostate Epithelial Lineages and Cancer**
Dr. Chun-Ming Chen
Department of Life Sciences and Institute of Genome Sciences, School of Life Sciences, National Yang-Ming University, Taiwan
陳俊銘副教授 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 **Creating an Insect Synthetic Population to Fight Dengue Fever**
Dr. Chun-Hong Chen
Institute of Molecular and Genomic Medicine, National Health Research Institutes, Taiwan
陳俊宏助研究員 國家衛生研究院分子與基因醫學研究所

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

- Chairperson *Dr. Li-Na Wei* 魏麗娜教授
Department of Pharmacology, University of Minnesota, U.S.A.
- 10:00 – 10:30 **The Diffusion of Charcoal Burning Suicide**
Dr. Ying-Yeh Chen
General Psychiatry, Taipei City Psychiatric Hospital, Taiwan
陳映燁主治醫師 臺北市立聯合醫院松德院區一般精神科
- 10:30 – 11:00 **A High Throughput Tract-based Automatic Analysis Based on A Diffusion Spectrum Imaging Template and Atlas**
Dr. Wen-Yih Isaac Tseng
Center for Optoelectronic Biomedicine, College of Medicine, National Taiwan University, Taiwan
曾文毅教授 國立臺灣大學醫學院光電醫學研究中心
- 11:00 – 11:30 **Neurite Outgrowth at the Crossroads of Signaling, Transcriptional Regulation and Actin Remodeling**
Dr. Linyi Chen
Institute of Molecular Medicine, College of Life Science, National Tsinghua University, Taiwan
陳令儀副教授 國立清華大學生命科學院分子醫學研究所
- 11:30 – 12:00 **Cocaine- and Amphetamine-Regulated Transcript (CART) Induces Neurorepair in Stroke Rats**
Dr. Yun Wang
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
- 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. Kiang Liu 劉江教授
(Venue: Conference Room 6)
- 16:40 Adjourn