

2014 NHRI Research Day

March 17, 2014 (Monday)

venue: Hallway, B1 of Administrative Building

- 09:30 – 10:00 **Registration**
- 10:00 – 12:00 **Poster Session I** (odd numbers)
- 12:00 – 13:00 **Lunch**
- 13:00 – 15:00 **Poster Session II** (even numbers)

March 18, 2014 (Tuesday)

venue: Conference Room 3, B1 of Administrative Building

- 09:30 – 10:00 **Registration**
- 10:00 – 10:15 **Opening Remarks**
龔行健院長 Dr. Hsing-Jien Kung, President of NHRI
- 10:15 – 10:30 **Award Presentation: 2014 NHRI Research Achievement Award**
Research Achievement Award for Junior Research Investigators:
Dr. Ya-Hui Chi (紀雅惠副研究員)
Dr. Kelvin K. Tsai (蔡坤志副研究員級主治醫師)

Speeches Given by Awardees

Chairperson: 謝興邦處長 Dr. Hsing-Pang Hsieh, Director of Department of Research Planning and Development

- 10:30 – 11:10 **Impact of Cell Cycle on Aging and Cancer**
紀雅惠副研究員 Dr. Ya-Hui Chi, Institute of Cellular and Systems Medicine
- 11:10 – 11:50 **Novel Mechanisms in Cancer Metastasis and Treatment Resistance**
蔡坤志副研究員級主治醫師 Dr. Kelvin K. Tsai, National Institute of Cancer Research
- 11:50 – 13:00 **Poster Session /Lunch**

Oral Presentations

Chairperson: 謝興邦處長 Dr. Hsing-Pang Hsieh, Director of Department of Research Planning and Development

- 13:00 – 13:12 **JMJD5 Regulates PKM2 Nuclear Translocation and Reprograms HIF-1 α -mediated Glucose Metabolism**
(103OP01) 王鴻俊 Hung-Jung Wang, Institute of Molecular and Genomic Medicine
- 13:12 – 13:24 **Trans-coniferylaldehyde Induces Nrf2-mediated Antioxidant Effect: p38 α /MAPKAPK-2 and PK-N3 as Novel Targets for Nrf2 Phosphorylation and Nrf2/HO-1 Axis Activation**
(103OP02) 陳煌輝 Huang-Hui Chen, Institute of Biotechnology and Pharmaceutical Research
- 13:24 – 13:36 **Caged Pt Nanoclusters Exhibiting Corrodibility to Exert Tumor-inside Activation for Anticancer Chemotherapeutics**
(103OP03) 簡至德 Chih-Te Chien, Institute of Biomedical Engineering and Nanomedicine
- 13:36 – 13:48 **HGK/MAP4K4 Deficiency Induces TRAF Stabilization, Th17 Differentiation and Insulin Resistance**
(103OP04) 莊懷佳 Huai-Chia Chuang, Immunology Research Center
- 13:48 – 14:00 **An AAV-mediated Passive Immunization Attenuates Methamphetamine-induced Behavioral Changes in Mice**
(103OP05) 陳雲翔 Yun-Hsiang Chen, Center for Neuropsychiatric Research
- 14:00 – 14:12 **MicroRNA-451 Regulates Atherosclerotic Plaque Formation by Modulation of Ras-associated Protein 5a (Rab5a) in Vascular Smooth Muscle Cells**
(103OP06) 陳莉菁 Li-Jing Chen, Institute of Cellular and System Medicine
- 14:12 – 14:24 **Caveolar Endocytosis Is Required for Human PSGL-1-mediated Enterovirus 71 Infection**
(103OP07) 林相吟 Hsiang-Yin Lin, National Institute of Infectious Diseases and Vaccinology
- 14:24 – 14:36 **HBV Pre-S2 Mutant Induces GLUT1-mediated Aerobic Glycolysis through mTOR Signal Cascade to Activate C-myc and Promote Tumorigenesis**
(103OP08) 鄧喬方 Chiao-Fang Teng, National Institute of Infectious Diseases and Vaccinology
- 14:36 – 14:48 **Use of an Adaptive Approach to Design and Evaluation to Multi-regional Clinical Trials**
(103OP09) 姜杰 Chieh Chiang, Institute of Population Health Sciences
- 14:48 – 15:00 **O6-methylguanine DNA Methyltransferase Repairs Platinum-DNA Adducts Following Cisplatin Treatment and Its Clinical Relevance**
(103OP10) 陳尚鴻 Shang-Hung Chen, National Institute of Cancer Research
- 15:00 – 15:20 **Coffee Break**
- 15:20 – 15:30 **Award Presentation: 2014 Paper Award, Poster Award, NHRI Research Assistant Award**