

# 2009 NHRI Research Day

*July 20, 2009 (Monday)*

- 10:30 – 11:00    **Registration**
- 11:00 – 12:30    **Poster Session I** (odd numbers)/Lunch
- 12:30 – 14:00    **Poster Session II** (even numbers)/Lunch
- 14:00 – 15:30    **Review Session** of 2009 NHRI Research Assistant Award

*July 21, 2009 (Tuesday)*

- 09:00 – 09:30    **Registration**
- 09:30 – 09:40    **Opening Remarks**  
伍焜玉院長 Dr. Kenneth K. Wu, President of NHRI
- 09:40 – 09:50    **Award Presentation: 2009 NHRI Research Achievement Award**  
**Outstanding Research Achievement Award:**  
Dr. Shih-Feng Tsai (蔡世峰研究員)  
**Research Achievement Award for Junior Research Investigators:**  
Dr. Yen-Feng Chiu (邱燕楓副研究員)  
Dr. Leu-Wei Lo (羅履維副研究員)  
Dr. Su-Ying Wu (伍素瑩副研究員)

## Speeches Given by Awardees

Chairperson: 伍焜玉院長 Dr. Kenneth K. Wu, President of NHRI

- 09:50 – 10:30    **Genomic Medicine--Moving to the Next Phase**  
蔡世峰研究員 Dr. Shih-Feng Tsai, Division of Molecular and Genomic  
Medicine
- 10:30 – 11:00    **Incorporation of Covariates into Multipoint Linkage Disequilibrium  
Mapping in Case-Control Studies**  
邱燕楓副研究員 Dr. Yen-Feng Chiu, Institute of Population Health Sciences
- 11:00 – 11:30    **Functionalization of Silica-Nanoparticles for Cancer Theranostics**  
羅履維副研究員 Dr. Leu-Wei Lo, Division of Medical Engineering Research
- 11:30 – 12:00    **Structure-Based Drug Design of Anti-Diabetics and Anti-Cancer Drugs**  
伍素瑩副研究員 Dr. Su-Ying Wu, Division of Biotechnology and  
Pharmaceutical Research
- 12:00 – 13:30    **Poster Session** /Lunch

## Presentations of Selected Papers

Chairperson: 何英剛 副院長 Dr. Ing-Kang Ho, Vice President of NHRI

- 13:30 – 13:45 **Enhancement of Non-Homologous End Joining DNA Repair Capacity Confers Cancer Cells Resistant to Novel Selenophene Compound D-501036**  
(98AM32) 楊永寧 Yung-Ning Yang, National Institute of Cancer Research
- 13:45 – 14:00 **Oscillatory Flow-Induced Proliferation of Osteoblast-Like Cells Is Mediated by  $\alpha_v\beta_3$  and  $\beta_1$  Integrins through Synergistic Interactions of FAK and Shc with PI3K and the Akt/mTOR/p70S6K Pathway**  
(98AM36) 李定宇 Ding-Yu Lee, Division of Medical Engineering
- 14:00 – 14:15 **Enhanced Expression of Vascular Endothelial Growth Factor-A and Activation of Akt/mTOR Signaling in Ground Glass Hepatocytes: Implication for HBV Hepatocarcinogenesis**  
(98BM33) 楊瑞珠 Jui-Chu Yang, Division of Infectious Diseases
- 14:15 – 14:30 **MiR-7, an EGFR Induced MicroRNA, Modulates Lung Cancer Progression**  
(98BM47) 林華珩 Hua-Heng Lin, National Institute of Cancer Research
- 14:30 – 14:45 **Cysteine-Rich Secretory Protein-a from Naja Atra Venom Induces Adhesion Molecule Expression in Vascular Endothelial Cells via Heparan Sulfate-Mediated Activations of MAPKs and NF- $\kappa$ B**  
(98BM59) 王玉玲 Yu-Ling Wang, Division of Medical Engineering
- 14:45 – 15:00 **G $\alpha_{12}$ -Dependent Pathway Promotes Tumorigenesis and Metastasis of Nasopharyngeal Carcinoma by Modulating Actin Cytoskeleton Reorganization**  
(98CRPH01) 劉淑貞 Shu-Chen Liu, Division of Molecular and Genomic Medicine
- 15:00 – 15:15 **Clinical Phenotype and Glycan Biology of Influenza B in Taiwan**  
(98CRPH06) 王雅芳 Ya-Fang Wang, Division of Infectious Diseases
- 15:15 – 15:30 **The Potential Role of Monoamine Oxidase Variations and Betel Chewing Behavior** Running Title: **Monoamine Oxidase Variations and Betel Chewing**  
(98CRPH28) 陳丙何 Ping-Ho Chen, Division of Environmental Health and Occupational Medicine
- 15:30 – 16:00 **Coffee Break**

## Award Presentation

- 16:00 – 16:15 **2009 Paper Award, Poster Award, NHRI Research Assistant Award**  
Prizes presented by the President of NHRI, Dr. Kenneth K. Wu.