

2015 NHRI Research Day

March 16, 2015 (Monday)

09:00 – 10:00 Registration

Poster Presentations

venue: Hallway, B1 of Administrative Building

10:00 – 12:00 **Poster Session I** (odd numbers)(含優秀壁報論文及優秀研究助理獎勵評選)

Oral Presentations (每人 10 min 報告+3 min 討論)

venue: Conference Room 3, B1 of Administrative Building

Chairperson: 裘正健處長 Dr. Jeng-Jiann Chiu, Director of Department of Research Planning and Development

- 09:30 – 09:43 **Intestinal Infection Exacerbates Neurodegeneration in Drosophila Alzheimer's Model**
(104OP01) 吳師誠 Shih-Cheng Wu, Institute of Molecular and Genomic Medicine
- 09:43 – 09:56 **A Novel Angelicin Derivative, BPR2P0001S0, Inhibits Proliferation of Human Squamous Cell Carcinoma Cells by Reprogramming Cancer Metabolism**
(104OP02) 吳承祐 Cheng-Yu Wu, Institute of Biotechnology and Pharmaceutical Research
- 09:56 – 10:09 **Oncogenic Roles of CISD2 in Lung Cancer**
(104OP03) 李詩苗 Shih-Miao Li, Institute of Population Health Sciences
- 10:09 – 10:22 **Multiwalled Carbon Nanotube Sensor for the Early Screening of Nasopharyngeal Carcinoma Screening by Luminescence Assay**
(104OP04) 沙達文 Subramaniam Sadhasivam, Institute of Biomedical Engineering and Nanomedicine
- 10:22 – 10:35 **A One-Cell in a Well: High-Throughput Single-cell Loading and Clonal Culture Using a Microfluidic Dual-well Device**
(104OP05) 林璟暉 Ching-Hui Lin, Institute of Biomedical Engineering and Nanomedicine
- 10:35 – 10:48 **Targeting a Ribonucleoprotein Complex Containing the Caprin-1 Protein and the c-Myc mRNA Suppresses Tumor Growth in Mice: An Identification of a Novel Oncotarget**
(104OP06) 邱雅琪 Ya-Qi Qiu, Institute of Biotechnology and Pharmaceutical Research
- 10:48 – 11:01 **Force-specific Phosphorylation on Vinculin Mediates the Vascular Permeability in Atherosusceptible Endothelium**
(104OP07) 施佑宗 Yu-Tsung Shih, Institute of Cellular and System Medicine
- 11:01 – 11:14 **Endothelial-to-Mesenchymal Transition Cells Secrete Soluble Jagged-1 to Induce Colorectal Cancer Cell Stemness**
(104OP08) 范吉炫 Chi-Shuan Fan, National Institute of Cancer Research

12:00 – 13:00 **Lunch**

Poster Presentations

venue: Hallway, B1 of Administrative Building

13:00 – 15:00 **Poster Session II** (even numbers)(含優秀壁報論文及優秀研究助理獎勵評選)

Oral Presentations (每人 10 min 報告+3 min 討論)

venue: Conference Room 3, B1 of Administrative Building

Chairperson: 裘正健處長 Dr. Jeng-Jiann Chiu, Director of Department of Research Planning and Development

13:00 – 13:13 **Functional Heterogeneity and Plasticity in Cancer Stem Cells Conferred by ASPM**
(104OP09)
徐中濟 Chung-Chi Hsu, National Institute of Cancer Research

13:13 – 13:26 **Fragment-based Drug Discovery of Indazole Derivatives as Novel Aurora Kinase A Inhibitors**
(104OP10)
張純鳳 Chun-Feng Chang, Institute of Biotechnology and Pharmaceutical Research

13:26 – 13:39 **LDOC1 Silenced by Cigarette Smoke-induced Methylation and Involved in Early Oral Neoplastic Transformation**
(104OP11)
湯雅筑 Ya-Chu Tang, National Institute of Cancer Research

13:39 – 14:52 **Development of Oxidized Methylcellulose/Adipic Acid Dihydrazide Hydrogel for Traumatic Brain Injury Treatment**
(104OP12)
管哲雍 Che-Yung Kuan, Institute of Biomedical Engineering and Nanomedicine

14:52 – 15:05 **Microtubule Depolymerization Activates the Epstein–Barr Virus Lytic Cycle through Protein Kinase C Pathways in Nasopharyngeal Carcinoma Cells**
(104OP13)
劉依儒 Yi-Ru Liu, National Institute of Cancer Research

15:05 – 15:18 **Unraveling Hidden Talents of Gold Nanomaterials as Photothermal Therapeutic Agents and Artificial Enzymes**
(104OP14)
劉靜萍 Ching-Ping Liu, Institute of Biomedical Engineering and Nanomedicine

15:18 – 15:31 **Hyperglycemia Promotes Neurovirulence of Enterovirus 71 through miR-206 Signaling**
(104OP15)
賴瑞華 Rai-Hua Lai, Institute of Molecular and Genomic Medicine

15:31 – 15:44 **Influence of Galectin-3 Genetic Variants in Adult Patients with Candidemia**
(104OP16)
嚴玉婷 Yu-Ting Yen, National Institute of Infectious Diseases and Vaccinology

March 17, 2015 (Tuesday)

venue: Conference Room 3, B1 of Administrative Building

- 09:00 – 09:30 **Registration**
- 09:30 – 09:35 **Opening Remarks**
龔行健院長 Dr. Hsing-Jien Kung, President of NHRI
- 09:35 – 10:00 **Award Presentation: 2015 NHRI Research Achievement Award**
Research Achievement Award for Junior Research Investigators:
Dr. Jeffrey Shu-Ming Chang (張書銘副研究員)
- Outstanding Research Achievement Award:**
Dr. Betty Linju Yen (顏伶汝研究員級主治醫師)
Dr. Hsing-Pang Hsieh (謝興邦研究員)
- Award Presentation: 2015 Paper Award, Poster Award, NHRI Research Assistant Award**

Speeches

Chairperson: 裘正健處長 Dr. Jeng-Jiann Chiu, Director of Department of Research Planning and Development

Awardees:

- 10:00 – 10:40 **Maintaining the Passion for Research, Finding the Extraordinary in the Ordinary**
張書銘副研究員 Dr. Jeffrey Shu-Ming Chang, National Institute of Cancer Research
- 10:40 – 10:45 **得獎感言錄影播放** (謝興邦研究員因出國開會，另擇期公開演講)
謝興邦研究員 Dr. Hsing-Pang Hsieh, Institute of Biotechnology and Pharmaceutical Research
- 10:45 – 11:25 **A Novel Pathway for Modulation of PD-L1 Controls Interactions between Human Mesenchymal Stem Cells (MSCs) and Th17 Lymphocytes**
顏伶汝研究員級主治醫師 Dr. Betty Linju Yen, Institute of Cellular and System Medicine

Invited Speaker:

- 11:25 – 12:05 **Hypoxia-regulated Gene Network in Cancer Malignancy: From Systems Biology to Translational Research**
蔡少正司長 S.-J. Sean Tsai, Department of Life Sciences, Ministry of Science and Technology
- 12:05 – 13:30 **Poster Session/Lunch**
- 13:30 Adjourn