

# **2017 NHRI Research Day**

*March 21, 2017 (Tuesday)*

## **Poster Presentations**

*venue: Hallway, B1 of Administrative Building*

- 09:30 – 10:00     **Registration**
- 10:00 – 12:00     優秀壁報論文評選：**Poster Session I** (odd numbers)  
                         優秀研究助理評選：**3rd Conference Room** (#1~#17)
- 12:00 – 13:00     **Lunch**
- 13:00 – 16:00     優秀壁報論文評選：**Poster Session II** (even numbers)  
                         優秀研究助理評選：**3rd Conference Room** (#18~#39)
- 15:00 – 15:10     **Coffee Break**

*March 22, 2017 (Wednesday)*

*venue: Conference Room 3, B1 of Administrative Building*

- 09:30 – 09:40     **Registration**
- 09:40 – 09:50     **Opening Remarks**  
                         余幸司代理院長 Dr. Hsin-Su Yu, Acting President of NHRI
- 09:50 – 10:00     **Award Presentation:2017 NHRI Research Achievement Awards**  
                         **Awardee for Junior Research**  
                         Dr. Chih-Pin Chuu (褚志斌副研究員)  
                         Dr. Chia-Hsien Hsu (許佳賢副研究員)

## **Speeches Given by Awardees**

Chairperson: 張憶壽處長 Dr. I-Shou Chang, Director of Department of Research Planning and Development

- 10:00 – 10:40     **"Be Creative, not Competitive"--MWA as a Useful Platform for Biomedical Research**  
                         褚志斌副研究員 Dr. Chih-Pin Chuu, Institute of Cellular and System Medicine
- 10:40 – 11:20     **Cells on a Chip: Using Microfluidic Technology in Cell Manipulation and Culture**  
                         許佳賢副研究員 Dr. Chia-Hsien Hsu, Institute of Biomedical Engineering and Nanomedicine
- 11:20 – 12:30     **Poster Session/Lunch**

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

Chairperson: 張憶壽處長 Dr. I-Shou Chang, Director of Department of Research Planning and Development

- 12:30 – 12:43 (106OP01) **Mechanisms of Direct Interactions between Pluripotency & Lineage-specific Master Transcription Factors in Human Pluripotent Stem Cell (hPSC) Lineage Commitment**  
丁僑萱 Chiao-Hsuan Ting, Institute of Cellular and System Medicine
- 12:43 – 12:56 (106OP02) **Neuroprotective Effect of (+) Phenserine Reduces Ischemic Brain**  
呂建澄 Chien-Cheng Lu, Center for Neuropsychiatric Research
- 12:56 – 13:09 (106OP03) **Intestinal Microbial Dysbiosis Aggravates the Progression of Alzheimer's Disease**  
吳師誠 Shih-Cheng Wu, Institute of Molecular and Genomic Medicine
- 13:09 – 13:22 (106OP04) **PGE2/EP4 Signaling Controls the Transfer of the Mammary Stem Cell State by Lipid Rafts in Extracellular Vesicles/Exosomes**  
林孟杰 Meng-Chieh Lin, Institute of Cellular and System Medicine
- 13:22 – 13:35 (106OP05) **Dysregulation of Runx2/Activin A Axis upon MiR376c Downregulation Promotes Lymph Node Metastasis in Head and Neck Squamous Cell Carcinoma**  
張偉民 Wei-Min Chang, National Institute of Cancer Research
- 13:35 – 13:48 (106OP06) **Long-term Effects of Peer Victimization, Sleep problems, and Family Functioning on Antisocial Behaviors in Adolescents: Exploring the Moderating and Mediating Processes**  
張齡尹 Ling-Yin Chang, Institute of Population Health Sciences
- 13:48 – 14:01 (106OP07) **Forming Bone-like Tissues in the Self-designed Bioreactor System for Bone Tissue Engineering**  
陳靖昫 Ching-Yun Chen, Institute of Biomedical Engineering and Nanomedicine
- 14:01 – 14:10 **Coffee Break**
- 14:10 – 14:23 (106OP08) **Degradable Emulsion as Vaccine Adjuvant Reshapes Antigen-specific Immunity and Thereby Ameliorates Vaccine Efficacy**  
黃崇雄 Chung-Hsiung Huang, National Institute of Infectious Diseases and Vaccinology
- 14:23 – 14:36 (106OP09) **Targeting Tumor Associated Phosphatidylserine with New Zinc Dipicolylamine-based Drug Conjugates**  
劉于維 Yu-Wei Liu, Institute of Biotechnology and Pharmaceutical Research

- 14:36 – 14:49  
(106OP10) ***In Vivo* Imaging of FGF1B Promoter Activity in Testis by Tri-modal Reporter Transgenic Mouse**  
劉珊姸 Shan-Wen Liu, Institute of Biomedical Engineering and Nanomedicine
- 14:49 – 15:02  
(106OP11) **Understanding Neurovascular Mechanisms during Cortical Spreading Depression in Ischemic Stroke Rats**  
潘涵琦 Han-Chi Pan, Institute of Biomedical Engineering and Nanomedicine
- 15:02 – 15:15  
(106OP12) **EV71 Induction of IL-12p40 Response in Brainstem is Key to the Development of Neurogenic Pulmonary Edema**  
賴瑞華 Rai-Hua Lai, Institute of Molecular and Genomic Medicine
- 15:15 – 15:28  
(106OP13) **Gold Nanodots as a Nrf2 Activator Induce Antioxidative Enzyme Activities in Human Macrophage THP-1**  
羅月霞 Yueh-Hsia Luo, National Institute of Environmental Health Sciences
- 15:28 – 15:41  
(106OP14) **Numerical Descriptions of Nonlinear Acoustic Propagations in Homogenous Thermoviscous Media**  
譚夢寧 Manuel A. Diaz, Institute of Biomedical Engineering and Nanomedicine
- 15:41 – 16:15 **Coffee Break**
- 16:15 ~ **Award Presentation: 2017 Paper Award, Poster Award, NHRI Research Assistant Award**

