

2024 NHRI Research Day

March 18, 2024 (Monday)

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
Session I (odd numbers)

10:00 – 11:00 優秀研究助理壁報展示
(odd numbers)

11:00 – 12:00 優秀研究助理壁報展示
(even numbers)

12:00 – 13:00 **Lunch**

13:00 – 15:00 優秀壁報論文評選
Session II (even numbers)

13:00 – 15:30 優秀研究助理評選
(Oral Presentations)
Conference Room 3

15:00 – 15:10 **Break**

15:30 – 16:00 優秀研究助理評選委員會議
Conference Room 4

10:00 – 15:30 票選最佳壁報論文 **Best Poster Voting**

March 19, 2024 (Tuesday)

venue: Conference Room 3, B1 of Administrative Building

09:30 – 10:00 **Registration**

10:00 – 10:10 **Opening Remarks**
司徒惠康院長 Dr. Huey-Kang Sytwu, President of NHRI

10:10 – 10:20 **Award Presentation: 2024 NHRI Research Achievement Awards**

Outstanding Research Achievement Award
Dr. Shu-Li Wang (王淑麗研究員)

Speech Given by Awardee

Chairperson: 劉俊揚處長 Dr. Jun-Yang Liou, Director of Department of Research Planning and Development

10:20 – 11:00 **Fetal Origin of Neurocognitive and Immune Dysfunction with Endocrine Disruptors - My Journey Climbing the Research Mountain**
王淑麗研究員 Dr. Shu-Li Wang, National Institute of Environmental Health Sciences

11:00 – 12:00 **Poster Session/ Best Poster Voting**

12:00 – 12:30 **Lunch**

Oral Presentations (10 min presentation + 3 min Q&A)

Chairperson: 劉俊揚處長 Dr. Jun-Yang Liou, Director of Department of Research Planning and Development

- 12:30 – 12:43 (113OP01) **An Atlas of Genetic Effects on DNA Methylation in Taiwanese**
陳姿婷 Tzu-Ting Chen, Center for Neuropsychiatric Research
- 12:43 – 12:56 (113OP02) **ISG15-Mediated Modulation of CD8 T Cell Dysfunction: Implications for Immunotherapy Sensitivity in Oral Squamous Cell Carcinoma**
陳玉霖 Yu-Lin Chen, National Institute of Cancer Research
- 12:56 – 13:09 (113OP03) **CDC Tier 1 Genetic Screening in Taiwan**
鄭光桓 Kuang-Huan Cheng, Institute of Molecular and Genomic Medicine
- 13:09 – 13:22 (113OP04) **Opioid Substitution Therapy Programs and the National Campaign to Eliminate Hepatitis C Virus in Taiwan: Current Status and Perspectives in a 2022 National Survey Among Medical Institution**
鍾宇筑 Yu-Chu Chung, Center for Neuropsychiatric Research
- 13:22 – 13:35 (113OP05) **Dual-specificity Phosphatase 6 Deficiency Attenuates Arterial Injury-induced Intimal Hyperplasia in Mice**
禾汀 Candra Dwipayana Hamdin , Institute of Cellular and System Medicine
- 13:35 – 13:48 (113OP06) **Revitalizing Trovafloxacin: New Inhibitors for Large-Pore Pannexin 1 Channels**
薛雯勻 Wen-Yun Hsueh, Institute of Biotechnology and Pharmaceutical Research
- 13:48 – 14:01 (113OP07) **Building Indigenous Health: Insights from Older Indigenous Adults on Knowledge Integration, Adaptive Strategies, and Awareness of Nutrition Literacy**
廖咨詠 Zih-Yong Liao, National Center for Geriatrics and Welfare Research
- 14:01 – 14:15 **Break**
- 14:15 – 14:28 (113OP08) **Multimodal Deep Learning for Classifying Diabetes: Analyzing Carotid Ultrasound Images from UK and Taiwan Biobanks and Their Cardiovascular Disease Associations**
韓智恩 Djeane Debora Onthoni, Institute of Population Health Sciences
- 14:28 – 14:41 (113OP09) **The Phosphatase DUSP22/JKAP Inhibits UBR2-mediated K63-ubiquitination and Activation of Lck in TCR Signaling**
施盈均 Ying Chun Shih, Immunology Research Center
- 14:41 – 14:54 (113OP10) **Analyzing the Incidence of Silicosis across Various Industries in Taiwan: A Study of Occupational Disease Surveillance by Linking National-Based Workers' and Medicoadministrative Databases**
蘇庭耀 Ting-Yao Su , National Institute of Environmental Health Sciences

- 14:54 – 15:07
(113OP11) **SARS-CoV2 Delta Spike Protein Induces Multiple Organ Dysfunction in K18-hACE2 Mice**
田至峰 Chih-Feng Tien, National Institute of Infectious Diseases and Vaccinology
- 15:07 – 15:20
(113OP12) **Combining TLR9 and STING Agonists Synergistically Enhances the Immune Response to SARS-CoV-2 RBD Vaccine through an Increased Germinal Center B Cell Response and Reshaped T Helper Responses**
楊景行 Jing-Xing Yang, Immunology Research Center
- 15:20 – 15:33
(113OP13) **Dual-Sensitization of X-ray and Near-Infrared Based on Pd-Loaded Metal-Organic Framework for Radiation-Photothermal Combined Cancer Therapy**
余祐陞 Yu-Sheng Yu , Institute of Biomedical Engineering and Nanomedicine
- 15:33 – 16:00 **Break/ Committee Meeting (Conference Room 4)**
- 16:00 ~ **Award Presentation: 2024 Paper Award, Poster Award, NHRI Research Assistant Award (Conference Room 3)**