

2022 NHRI Research Day

March 22, 2022 (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 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 23, 2022 (Wednesday)

venue: Conference Room 3, B1 of Administrative Building

09:20 – 09:40	Registration	
09:40 – 09:50	Opening Remarks 梁廣義院長 Dr. Kung-Yee Liang, President of NHRI	
09:50 – 10:00	Award Presentation: 2022 NHRI Research Achievement Awards	
	Outstanding Research Achievement Award Dr. Cheng-Chin Kuo (郭呈欽研究員)	
	Awardee for Junior Research Investigator Dr. Maxim Solovchuk (馬克沁副研究員) Dr. Shao-Yuan Chuang (莊紹源副研究員)	

Speeches Given by Awardees

Chairperson: 洪文俊處長 Dr. Wen-Chun Hung, Director of Department of Research Planning and Development

10:00 – 10:40	Inflammatory Molecules as Potential Therapeutic Targets for Human Diseases 郭呈欽研究員 Dr. Cheng-Chin Kuo, Institute of Cellular and System Medicine
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- 10:40 – 11:10 **High Performance Computing for Treatment Planning and Biomedical Applications**
馬克沁副研究員 Dr. Maxim Solovchuk, Institute of Biomedical Engineering and Nanomedicine
- 11:10 – 11:40 **Epidemiology of Cerebrovascular Disease: From Risk Marker to Etiology**
莊紹源副研究員 Dr. Shao-Yuan Chuang, Institute of Population Health Sciences
- 11:40 – 13:00 **Poster Session/ Best Poster Voting**

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

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

- 13:00 – 13:13 (111OP01) **Blockade of IL-6/IL-6R Signaling Prevents Recurrence, Metastasis, and Immunosuppressive Niche of Triple-negative Breast Cancer (TNBC) with Oncogenic MCT-1**
歐書亞 Aushia Tanzih Al Haq, Institute of Molecular and Genomic Medicine
- 13:13 – 13:26 (111OP02) **Biological Significance of MYC and CEBPD Coamplification in Urothelial Carcinoma: Multilayered Genomic, Transcriptional and Posttranscriptional Positive Feedback Loops Enhance Oncogenic Glycolysis**
詹緹淳 Ti-Chun Chan, National Institute of Cancer Research
- 13:26 – 13:39 (111OP03) **A Novel NRF2/ARE Inhibitor Gossypol Induces Cytotoxicity and Sensitizes Chemotherapy Responses in Chemo-refractory Cancer Cells**
張欣蕙 Hsin-Huei Chang, Institute of Biotechnology and Pharmaceutical Research
- 13:39 – 13:52 (111OP04) **Dual-specificity Phosphatase 6 Knockout Confers Beneficial Alteration of Epithelial Barrier, Luminal Microbiota, and Mucosal Immunity in the Gut**
張程翔 Cherng-Shyang Chang, Immunology Research Center
- 13:52 – 14:05 (111OP05) **Using Deep Learning Methods to Develop Indicators of Work Efficiency by Digital Footprints on Smartphones**
鄭宇廷 Yu-Ting Cheng, Institute of Population Health Sciences
- 14:05 – 14:18 (111OP06) **Evaluation of the Impact of Government Fundings in Alleviating Participants Reduction in Small to Middle-scale Methadone Maintenance Treatment Clinics in Taiwan**
鍾宇筑 Yu-Chu Chung, Center for Neuropsychiatric Research
- 14:18 – 14:30 **Break**
- 14:30 – 14:43 (111OP07) **Energy Stable Moving Mesh Strategy for Simulating Sliding and Rolling Dynamics of Droplets on Inclined Surfaces with Finite Element Method**
伊菲利 Filip Ivancic, Institute of Biomedical Engineering and Nanomedicine

- 14:43 – 14:56
(111OP08) **Effect of Air Sampling Methodology on Diversity Measures of Indoor and Outdoor Fungal Spore Communities and Allergen Abundance**
劉尼克 Nicholas Minahan, National Institute of Environmental Health Sciences
- 14:56 – 15:09
(111OP09) **Lon Upregulation Contributes to Cisplatin Resistance by Triggering NCLX-mediated Mitochondrial Ca²⁺ Release in Cancer Cells**
譚麗雅 Vidya Tangeda, National Institute of Cancer Research
- 15:09 – 15:22
(111OP10) **A DNA Vaccine Candidate Delivered by an Electroacupuncture Machine Provides Protective Immunity Against SARS-CoV-2 Infection**
曾才騰 Tsai-Teng Tzeng, National Institute of Infectious Diseases and Vaccinology
- 15:22– 15:35
(111OP11) **Endothelial Yin Yang 1 Phosphorylation at S118 Induces Atherosclerosis Under Flow**
魏淑宜 Shu-Yi Wei, Institute of Cellular and System Medicine
- 15:35 – 16:00 **Break/ Committee Meeting (Conference Room 4)**
- 16:00 ~ **Award Presentation: 2022 Paper Award, Poster Award, NHRI Research Assistant Award (Conference Room 3)**