



113 年度國家衛生研究院生物醫學學術研討會

2024 Biomedical Research Symposium of National Health Research Institutes

Daily Program

July 31 (Wednesday)

Last update: July 18, 2024

09:30-10:00	Registration	
10:00-10:10	Opening Remarks (Venue : Auditorium) <i>Dr. Huey-Kang Sytwu</i> 司徒惠康院長 National Health Research Institutes 國家衛生研究院	
10:10-11:00	Plenary Lecture (Venue : Auditorium) Chairperson: <i>Dr. Kenneth K. Wu</i> 伍焜玉院士 National Health Research Institutes/Academia Sinica 國家衛生研究院/中央研究院 Making Universal Vaccines and Antibodies Through Glycoengineering <i>Dr. Chi-Huey Wong</i> 翁啟惠院士 Academia Sinica 中央研究院	
11:00-11:20	Coffee Break	
	Symposium Session 1 : Cancer Research (Venue : Auditorium) Chairpersons: <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Duke University <i>Dr. Wen-Chun Hung</i> 洪文俊特聘研究員 National Health Research Institutes 國家衛生研究院	Symposium Session 2 : Medical Engineering (Venue : Conference Room 2) Chairpersons: <i>Dr. Zong-Ming Li</i> 李宗明教授 University of Arizona <i>Dr. Chia-Wen (Kevin) Wu</i> 吳嘉文特聘研究員 National Health Research Institutes 國家衛生研究院
11:20-11:45	Endocrine Organ-Like Tumor Hypothesis: VLDLR Orchestrated Cancer Requiem <i>Dr. Wen-Lung Ma</i> 馬文隆教授 China Medical University 中國醫藥大學	Elasticity Measurements of 3D Cell Culture Systems: Principles, Devices and Potential Applications to Stiffness-Targeted Treatment Delivery <i>Dr. Pai-Chi Li</i> 李百祺特聘教授 National Taiwan University 國立臺灣大學
11:45-12:10	From Microtubule Depolymerase to Drug Resistance: The Role of KIF2C <i>Dr. Lily Hui-Ching Wang</i> 王慧菁教授 National Tsing Hua University 國立清華大學	Ultrafast High Frequency Ultrasound Imaging and Its Biomedical Applications <i>Dr. Chih-Chung Huang</i> 黃執中特聘教授 National Cheng Kung University 國立成功大學

113 年度國家衛生研究院生物醫學學術研討會

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12:10-12:35	Host-microbiota Interaction in Intestinal Tumorigenesis: Three-way Crosstalks Between Epithelia, Bacteriome, and Virome <i>Dr. Linda Chia-Hui Yu</i> 余佳慧教授 National Taiwan University 國立臺灣大學	Parathyroid Hormone (PTH) for Osteoarthritis Treatment: from Bench to Pre-clinical <i>Dr. Chung-Hwan Chen</i> 陳崇桓教授 Kaohsiung Medical University 高雄醫學大學	
12:35-13:00	Targeting Extracellular HSP90α as Novel Anti-Desmoplasia and Anti-Cachexia Strategy for Pancreatic Adenocarcinoma Therapy <i>Dr. Tze-Sing Huang</i> 黃智興研究員 National Health Research Institutes 國家衛生研究院	Deciphering Tissue Microstructures and Neural Connectivity of Postmortem Fetal Brains with High-resolution Connectome MRI <i>Dr. Li-Wei Kuo</i> 郭立威副研究員 National Health Research Institutes 國家衛生研究院	
13:00-14:00	Lunch		
	Symposium Session 3 : Biomedical Science 1 (Venue : Auditorium) Chairpersons: <i>Dr. Edward T.H. Yeh</i> 葉篤行院士 University of Arkansas for Medical Sciences <i>Dr. Cathy (Chiou-Hwa) Yuh</i> 喻秋華研究員 National Health Research Institutes 國家衛生研究院	Symposium Session 4 : Neuroscience (Venue : Conference Room 2) Chairpersons: <i>Dr. Lina Wei</i> 魏麗娜教授 University of Minnesota Dr. Wei J. Chen 陳為堅特聘研究員 National Health Research Institutes 國家衛生研究院	Poster Discussion (Venue: Conference Room 4) Chairperson: <i>Dr. Zong-Ming Li</i> 李宗明教授 University of Arizona
14:00-14:25	Precision Health in Childhood Hearing Loss: from Diagnostics, Prognostics to Therapeutics <i>Dr. Chen-Chi Wu</i> 吳振吉教授 National Taiwan University 國立臺灣大學	Mechanisms of Vascular Dementia- Risk Factors, Glymphatics, Neuro-inflammation, Senescence <i>Dr. Chaur-Jong Hu</i> 胡朝榮教授 Taipei Medical University 臺北醫學大學	Group D - Medical Engineering
14:25-14:50	Distinguishing between Intragenic Trans-spliced and Circular RNAs by Long-read Sequencing <i>Dr. Trees-Juen Chuang</i> 莊樹諄研究員 Academia Sinica 中央研究院	Unlocking Promise: α6GABA_AR Positive Modulators for Neuropsychiatric Disorders <i>Dr. Lih-Chu Chiou</i> 邱麗珠教授 National Taiwan University 國立臺灣大學	

113 年度國家衛生研究院生物醫學學術研討會

2024 Biomedical Research Symposium of National Health Research Institutes

14:50-15:15	Exploring the Metabolic Gene Regulatory Network in Neuroendocrine Prostate Cancer for Potential Immunotherapy Applications <i>Dr. Yen-Nien Liu</i> 劉晏年教授 Taipei Medical University 臺北醫學大學	Pain Caused by Citric Acid: From Drug Formulations to Animal Venoms and Beyond <i>Dr. Ted Weita Lai</i> 賴威達副教授 China Medical University 中國醫藥大學	
15:15-15:40	The Novel Targets and Combinatorial Therapies for Treatment of the Aggressive Breast Cancer <i>Dr. Hsin-Ling Hsu</i> 徐欣伶研究員 National Health Research Institutes 國家衛生研究院	Polygenic Prediction of Antidepressant Treatment Response <i>Dr. Yen-Feng Lin</i> 林彥鋒助研究員級主治醫師 National Health Research Institutes 國家衛生研究院	
15:40-16:00	Coffee Break		
16:00-17:00	Poster Session 1-odd numbers		
17:00-17:30	Networking Drinks		
17:30-19:00	Welcome Buffet Dinner		

113 年度國家衛生研究院生物醫學學術研討會

2024 Biomedical Research Symposium of National Health Research Institutes

August 1 (Thursday)

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09:00-09:50	Plenary Lecture (Venue : Auditorium) Chairperson: <i>Dr. Ing-Kang Ho</i> 何英剛院士 Academia Sinica 中央研究院 Microglial Galectin-3 and Neuroinflammation – with A Specific Focus on Neurodegenerative Diseases <i>Dr. Yijuang Chern</i> 陳儀莊特聘研究員 Academia Sinica 中央研究院	
09:50-10:00	Coffee Break	
10:00-11:00	Poster Session 2 -even numbers	
	Symposium Session 5 : Biomedical Science 2 (Venue : Auditorium) Chairpersons: <i>Dr. Reen Wu</i> 吳忍教授 University of California at Davis <i>Dr. Cheng-Chin Kuo</i> 郭呈欽研究員 National Health Research Institutes 國家衛生研究院	Symposium Session 6 : Clinical and Public Health (Venue : Conference Room 2) Chairpersons: <i>Dr. C. Kent Kwok</i> 郭堅教授 University of Arizona Arthritis Center <i>Dr. Hung-Yi Chiou</i> 邱弘毅特聘研究員 National Health Research Institutes 國家衛生研究院
11:00-11:25	Microbiota-Derived Metabolites and Cardiac Resilience: Unveiling the Gut-Heart Connection <i>Dr. Patrick Ching-Ho Hsieh</i> 謝清河特聘研究員 Academia Sinica 中央研究院	Investigation of Care Continuity and Care Coordination for Patients with Multiple Chronic Conditions under the Universal Health Insurance Scheme in Taiwan <i>Dr. Shou-Hsia Cheng</i> 鄭守夏特聘教授 National Taiwan University 國立臺灣大學
11:25-11:50	Decoding Precise Immune Regulation and Human Diseases with Multimodal Single-Cell Analysis of Peripheral Immune Perturbations <i>Dr. Tai-Ming Ko</i> 柯泰名副教授 National Yang Ming Chiao Tung University 國立陽明交通大學	Non-invasive Brain Stimulation in Stroke Rehabilitation and the Application of EEG Markers <i>Dr. Ching-Yi Wu</i> 吳菁宜特聘教授 Chang Gung University 長庚大學

113 年度國家衛生研究院生物醫學學術研討會

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11:50-12:15	NLRP12, an Innate Immune Checkpoint: Its Regulatory Properties in Pathogen Infections and Lupus Disease <i>Dr. Szu-Ting Chen</i> 陳斯婷副教授 National Yang Ming Chiao Tung University 國立陽明交通大學	To Elucidate the Interplay of Aldehyde Dehydrogenase 2 and Acrolein in Chronic Kidney Diseases <i>Dr. Hsiang-Tsui Wang</i> 王湘翠教授 National Yang Ming Chiao Tung University 國立陽明交通大學
12:15-12:40	Exosomes in Stem Cell Homeostasis, Cancer, and Regenerative Medicine <i>Dr. Hua-Jung Li</i> 李華容副研究員 National Health Research Institutes 國家衛生研究院	Developmental Origin of Atherosclerosis and Neurocognitive Dysfunctions from Environmental Endocrine Disruptors <i>Dr. Shu-Li Julie Wang</i> 王淑麗研究員 National Health Research Institutes 國家衛生研究院
12:40-13:40	Lunch	
Poster Discussion (Group A-E)		
13:40-15:40	Chairpersons: Group A - Biomedical Science (Venue: Conference Room 2) <i>Dr. Edward T.H. Yeh</i> 葉篤行院士 Department of Internal Medicine, University of Arkansas for Medical Sciences, U.S.A. Group B - Neuroscience (Venue: Conference Room 1) <i>Dr. Lina Wei</i> 魏麗娜教授 Department of Pharmacology, University of Minnesota, U.S.A. Group C - Cancer Research (Venue: Conference Room 3) <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Department of Pharmacology and Cancer Biology, Duke University School of Medicine, U.S.A. Group D - Medical Engineering (Venue: Conference Room 4) <i>Dr. Zong-Ming Li</i> 李宗明教授 Department of Orthopaedic Surgery, University of Arizona, U.S.A. Group E - Population Health Research (Venue: Conference Room 6) <i>Dr. Tun-Hou Lee</i> 李敦厚教授 Department of Immunology and Infectious Diseases, Harvard TH Chan School of Public Health, U.S.A.	