



112 年度國家衛生研究院生物醫學學術研討會
2023 Biomedical Research Symposium of National Health Research Institutes

Daily Program

August 9 (Wednesday)

Last update: July 13, 2023

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. Michael M. C. Lai</i> 賴明詔院士 Academia Sinica 中央研究院 5-MTP : a Protective Metabolite Acting on Mitochondrial Dynamics and Metabolism <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	
11:00-11:20	Coffee Break	
	Symposium Session 1 : 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. Y. Henry Sun</i> 孫以瀚特聘研究員 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	To Be, or Not to Be Methylated: The Dilemma over the Histone H3K27 Action to Osteoporosis Development <i>Dr. Feng-Sheng Wang</i> 王逢興研究員 Chang Gung Medical Foundation 長庚醫療財團法人	Automatic HD-SACA System for Single CTCs/CTMs Rapid Diagnosis/Prognosis and Tumor-organelle-on-a-Chip Drug Screening for AI-Precision Medicine <i>Dr. Fan-Gang Tseng</i> 曾繁根特聘教授 National Tsing Hua University 國立清華大學
11:45-12:10	Molecular Regulation of Trophoblast Stem Cell Self-renewal and Differentiation <i>Dr. Hungwen Chen</i> 陳宏文研究員 Academia Sinica 中央研究院	Integrated Microfluidics for Screening of Aptamers and Its Applications for Diagnosis <i>Dr. Gwo-Bin Lee</i> 李國賓講座教授 National Tsing Hua University 國立清華大學
12:10-12:35	The Spatial and Temporal Regulations of Cytosolic RNA Sensors by the 14-3-3 Chaperon Family <i>Dr. Helene Minyi Liu</i> 劉旻禕副教授 National Taiwan University 國立臺灣大學	Eddy Currents on Drug Delivery and Nerve Regeneration <i>Dr. Shang-Hsiu Hu</i> 胡尚秀教授 National Tsing Hua University 國立清華大學
12:35-13:00	Hydroxyindole O-methyltransferase Overexpression Protects against Vascular Injury via Increasing 5-Methoxytryptophan and Reducing Serotonin in Vascular Smooth Muscle Cells <i>Dr. Shaw Fang Yet</i> 林秀芳研究員 National Health Research Institutes 國家衛生研究院	Water-based Synthesis of Metal-Organic Frameworks (MOFs) For Biomedical Applications: Enzyme Immobilization, Dopamine Sensing, and Drug Delivery Systems <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



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13:00-14:00	Lunch		
	Symposium Session 3 : Cancer Research (Venue : Auditorium) Chairpersons: <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Duke University <i>Dr. Hsing-Pang Hsieh</i> 謝興邦特聘研究員 National Health Research Institutes 國家衛生研究院	Symposium Session 4 : Clinical and Public Health (Venue : Conference Room 2) Chairpersons: <i>Dr. Marion M. Lee</i> 李明瑱教授 University of California at San Francisco <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	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	Targeting Deubiquitinating Enzyme to Improve Cancer Immunotherapy <i>Dr. Ruey-Hwa Chen</i> 陳瑞華特聘研究員 Academia Sinica 中央研究院	Harnessing Pathogen Genomic Information in Public Health to Tackle Tuberculosis <i>Dr. Hsien-Ho Lin</i> 林先和教授 National Taiwan University 國立臺灣大學	Group D - Medical Engineering
14:25-14:50	Intelligent CRISPR Design for Tissue Regeneration <i>Dr. Yu-Chen Hu</i> 胡育誠講座教授 National Tsing Hua University 國立清華大學	Host Susceptibility and Gut Microbiota in Nontuberculous Mycobacterial Lung Disease <i>Dr. Chin-Chung Shu</i> 樹金忠臨床副教授 National Taiwan University 國立臺灣大學	
14:50-15:15	Cancer Target Inference and Drug Discovery <i>Dr. Jinn-Moon Yang</i> 楊進木教授 National Yang Ming Chiao Tung University 國立陽明交通大學	Targeting Therapeutic Barriers in Lung Cancer <i>Dr. Emily Pei-Ying Lin</i> 林佩瑩主治醫師 Taipei Medical University 臺北醫學大學	
15:15-15:40	DBPR22998: A Novel Broad Spectrum Cancer Immunotherapeutic Agent Targeting CD47-SIRPα "Don't Eat Me" Signaling Axis <i>Dr. Wan-Ching Yen</i> 顏婉菁研究員 National Health Research Institutes 國家衛生研究院	Aberrantly Expressed Genes Associated with Poor Response to Antipsychotic Treatment in Patients with First-Episode Psychosis: Screening via Differentially Expressed miRNAs and Target Genes Identification via RNA Sequencing <i>Dr. Wei J. Chen</i> 陳為堅特聘研究員 National Health Research Institutes 國家衛生研究院	
15:40-17:00	Coffee Break and Poster Session 1-odd numbers		
17:00-17:30	Networking Drinks		
17:30-19:00	Welcome Buffet Dinner		

August 10 (Thursday)

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08:50-09:40	Plenary Lecture (Venue : Auditorium) Chairpersons: <i>Dr. Yung-Chi Cheng</i> 鄭永齊院士 Yale University Metabolism in Cancer and Immune Regulation <i>Dr. Hui-Kuan Lin</i> 林慧觀院士 Duke University School of Medicine	
09:40-10:50	Coffee Break and 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. Shie-Liang Hsieh</i> 謝世良特聘研究員 National Health Research Institutes 國家衛生研究院	Symposium Session 6 : Neuroscience (Venue : Conference Room 2) Chairpersons: <i>Dr. Nien-Pei Tsai</i> 蔡念培副教授 University of Illinois at Urbana-Champaign <i>Dr. Wei J. Chen</i> 陳為堅特聘研究員 National Health Research Institutes 國家衛生研究院
10:50-11:15	The Src-ZNRF1 Axis Controls TLR3 Trafficking and Interferon Responses to Limit Lung Barrier Damage and Prevent Bacterial Superinfection <i>Dr. Li-Chung Hsu</i> 徐立中教授 National Taiwan University 國立臺灣大學	CC2D1A Deficiency Disorders: Autism Spectrum Disorder and Cognitive Dysfunction <i>Dr. Kuei-Sen Hsu</i> 許桂森講座教授 National Cheng Kung University 國立成功大學
11:15-11:40	Mechanism and Prediction of Splicing Errors Caused by Disease-Relevant Mutations <i>Dr. Chien-Ling Lin</i> 林倩伶助研究員 Academia Sinica 中央研究院	Novel Treatment for Refractory Schizophrenia: Modulation of NMDA Receptors and Related Pathways <i>Dr. Hsien-Yuan Lane</i> 藍先元教授 China Medical University 中國醫藥大學
11:40-12:05	How a Non-Coding RNA TERRA Impacts the Maintenance of Genomic G-quadruplexes <i>Dr. Hsueh-Ping Chu</i> 朱雪萍助理教授 National Taiwan University 國立臺灣大學	Parkinson's Disease: An Interplay between Genetic and Gut Microenvironment <i>Dr. Chin Hsien Lin</i> 林靜嫻臨床教授 National Taiwan University 國立臺灣大學
12:05-12:30	Myeloid Lectin Receptors as Pathogenic Host Factors in Viral Infections <i>Dr. Shie-Liang Hsieh</i> 謝世良特聘研究員 National Health Research Institutes 國家衛生研究院	Neuroprotective Action of Human Milk Oligosaccharide Against Brain Injury <i>Dr. Seong Jin Yu</i> 劉誠珍副研究員 National Health Research Institutes 國家衛生研究院
12:30-13:30	Lunch	
13:30-15:30	Poster Discussion (Group A-E) Chairpersons: Group A - Biomedical Science (Venue: Conference Room 2) <i>Dr. Edward T.H. Yeh</i> 葉篤行院士 University of Arkansas for Medical Sciences	



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Group B - Neuroscience (Venue: Conference Room 1)

Dr. Lina Wei 魏麗娜教授

University of Minnesota

Group C - Cancer Research (Venue: Conference Room 3)

Dr. Tso-Pang Yao 姚佐邦教授

Duke University School of Medicine

Group D - Medical Engineering (Venue: Conference Room 4)

Dr. Zong-Ming Li 李宗明教授

University of Arizona

Group E - Clinical and Public Health (Venue: Conference Room 6)

Dr. Tun-Hou Lee 李敦厚教授

Harvard TH Chan School of Public Health