

## Daily Program

**August 5 (Wednesday)**

Last updated : June 9, 2026

09:30-10:00	<b>Registration</b>	
10:00-10:10	<b>Opening Remarks (Venue : Auditorium)</b> <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	<b>Plenary Lecture (Venue : Auditorium)</b> 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  <b>The Oncogenic RNA Complexes of Oral Cancer</b> <i>Dr. Hsing-Jien Kung</i> 龔行健院士 Taipei Medical University 臺北醫學大學/ Academia Sinica 中央研究院	
11:00-11:20	<b>Coffee Break</b>	
	<b>Symposium Session 1 : Cancer Research</b> <b>(Venue : Auditorium)</b> Chairpersons: <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Duke University <i>Dr. Tai-Lung Cha</i> 查岱龍特聘研究員 National Health Research Institutes 國家衛生研究院	<b>Symposium Session 2 : Medical Engineering</b> <b>(Venue : Conference Room 2)</b> Chairpersons: <i>Dr. Zong-Ming Li</i> 李宗明教授 University of Arizona <i>Dr. Chii-Wann Lin</i> 林啟萬特聘研究員 National Health Research Institutes 國家衛生研究院
11:20-11:45	<b>How Early KRAS-Mutated Pancreatic Cells Escape Oncogene-Induced Senescence and Immune Surveillance</b> <i>Dr. Shaw-Jenq Sean Tsai</i> 蔡少正講座教授 National Cheng Kung University 國立成功大學	<b>Translational Development of a Handheld Multiparametric PS-OCTA System for In Vivo 5D Optical Biopsy and Early Oral Oncology</b> <i>Dr. Wen-Chuan Kuo</i> 郭文娟教授 National Yang Ming Chiao Tung University 國立陽明交通大學
11:45-12:10	<b>How do Cancer Cells Get their Fats?</b> <i>Dr. Tien Hsu</i> 徐泗講座教授 China Medical University 中國醫藥大學	<b>Cold Atmospheric Plasma-Reinforced Micro/Nano-Biomimicked Hybrid Carrier Loaded with Platelet Lysate for Enhanced Osteoarthritis Attenuation</b> <i>Dr. Er-Yuan Chuang</i> 莊爾元教授 Taipei Medical University 臺北醫學大學

12:10-12:35	<b>Decoding Lethal Prostate Cancer: Urinary Biomarkers and the Functional Role of Pericellular Serine Proteases</b> <i>Dr. Ming-Shyue Lee</i> 李明學教授 National Taiwan University 國立臺灣大學	<b>3D-Printed Intervertebral Cages for rhTMD2/3 delivery to Enhanced Implant Stability and Spinal Fusion</b> <i>Dr. Yan-Jye Shyong</i> 熊彥傑副教授 National Cheng Kung University 國立成功大學
12:35-13:00	<b>Vulnerable Therapeutic Targets in ARID1A-Deficient Pancreatic Cancer</b> <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	<b>Research on Biomedical Microsensors</b> <i>Dr. Chii-Wann Lin</i> 林啟萬特聘研究員 National Health Research Institutes 國家衛生研究院

13:00-14:00	<b>Lunch</b>	
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	<b>Symposium Session 3 : Biomedical Science 1 (Venue : Auditorium)</b> Chairpersons: <i>Dr. Edward T.H. Yeh</i> 葉篤行院士 University of Arkansas for Medical Sciences <i>Dr. Su Hao Lo</i> 羅世皓特聘研究員 National Health Research Institutes 國家衛生研究院	<b>Symposium Session 4 : Neuroscience (Venue : Conference Room 2)</b> Chairpersons: <i>Dr. Lina Wei</i> 魏麗娜教授 University of Minnesota <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	<b>Poster Discussion (Venue: Conference Room 4)</b> Chairperson: <i>Dr. Zong-Ming Li</i> 李宗明教授 University of Arizona
14:00-14:25	<b>Mechanisms underlying B Cell Differentiation and Antibody-Mediated Protection</b> <i>Dr. Kuo-I Lin</i> 林國儀特聘研究員 Academia Sinica 中央研究院	<b>Developing Neuronavigation-Guided Focused Ultrasound for Brain Therapy: From Concept to Clinical Trials</b> <i>Dr. Kuo-Chen Wei</i> 魏國珍教授/主治醫師 Chang Gung Medical Foundation 長庚醫療財團法人	<b>Group SRC4 - Medical Engineering</b>
14:25-14:50	<b>Opposing function of USP5 in MRE11 endonuclease activity to evade anti-tumor immunity</b> <i>Dr. Shao-Chun Wang</i> 王紹椿教授 China Medical University 中國醫藥大學	<b>Sertm2IsAConservedMicropeptide thatPromotes GDNF-mediated Motor Neuron Subtype Specification</b> <i>Dr. Jun-An Chen</i> 陳俊安研究員 Academia Sinica 中央研究院	



# 115 年度國家衛生研究院生物醫學學術研討會

## 2026 Biomedical Research Symposium of National Health Research Institutes

14:50-15:15	<b>MedSelect: A Tumor-Microenvironment-on-Chip Platform for Functional Immunotherapy Screening and Translational Oncology</b> <i>Dr. Jen-Huang Huang</i> 黃振煌副教授 National Tsing Hua University 國立清華大學	<b>Toward Precision Neuromodulation in Epilepsy: Mapping and Modulating the Epileptogenic Network</b> <i>Dr. Hsiang-Yu Yu</i> 尤香玉主治醫師 Taipei Veterans General Hospital 臺北榮民總醫院
15:15-15:40	<b>Focal Adhesions in Human Diseases</b> <i>Dr. Su Hao Lo</i> 羅世皓特聘研究員 National Health Research Institutes 國家衛生研究院	<b>APOE4 and the Failure of Brain Resilience in Alzheimer's Disease</b> <i>Dr. Feng-Shiun Shie</i> 謝奉勳研究員 National Health Research Institutes 國家衛生研究院
15:40-16:00	<b>Coffee Break</b>	
16:00-17:00	<b>Poster Session 1 - odd numbers</b>	
17:00-17:30	<b>Networking Drinks</b>	
17:30-19:00	<b>Welcome Buffet Dinner</b>	

**August 6 (Thursday)**

Last updated : June 9, 2026

09:00-09:50	<p><b>Plenary Lecture (Venue : Auditorium)</b> Chairpersons: <i>Dr. Huey-Kang Sytwu</i> 司徒惠康院長 National Health Research Institutes 國家衛生研究院</p> <p><b>Centrosome and Ciliary Biology in Neurodevelopmental Disorders and Cancer</b> <i>Dr. Tang K. Tang</i> 唐堂院士 Academia Sinica 中央研究院</p>	
09:50-10:00	<p><b>Coffee Break</b></p>	
10:00-11:00	<p><b>Poster Session 2 - even numbers</b></p>	
	<p><b>Symposium Session 5 : Biomedical Science 2 (Venue : Auditorium)</b> 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</p>	<p><b>Symposium Session 6 : Clinical and Public Health (Venue : Conference Room 2)</b> Chairpersons: <i>Dr. C. Kent Kwok</i> 郭堅教授 University of Arizona Arthritis Center <i>Dr. Chih-Cheng Hsu</i> 許志成研究員 National Health Research Institutes 國家衛生研究院</p>
11:00-11:25	<p><b>The Pulse of Life: From Sinoatrial Node Pathogenesis to Biological Pacing</b> <i>Dr. Yu Feng Hu</i> 胡瑜峰教授 National Yang Ming Chiao Tung University 國立陽明交通大學</p>	<p><b>Plastic Pollution and Kidney Health: From RAPIT to TMICS and Beyond</b> <i>Dr. Ming-Tsang Wu</i> 吳明蒼特聘教授 Kaohsiung Medical University 高雄醫學大學</p>
11:25-11:50	<p><b>Organelle Patch-Clamp Approaches to Study Endolysosomal Ion Channels in Disease</b> <i>Dr. Cheng-Chang Chen</i> 陳政彰助理教授 National Taiwan University 國立臺灣大學</p>	<p><b>Old Problems, New Solutions: How AI is Changing Today's ER</b> <i>Dr. Chu-Lin Tsai</i> 蔡居霖臨床副教授 National Taiwan University 國立臺灣大學</p>

11:50- 12:15	<p><b>Translating Urine Metabolomics into Diagnostics: Isobutyric Acid and Valine as Early Pathogenic Biomarkers for Pediatric Steatotic Liver Disease</b></p> <p><i>Dr. Chun-Mei Hu</i> 胡春美助研究員 Academia Sinica 中央研究院</p>	<p><b>Advancing Taiwan Kidney Care: Learning from Real-World Evidence</b></p> <p><i>Dr. Ming Yen Lin</i> 林明彥醫學副研究員 Kaohsiung Medical University 高雄醫學大學</p>
12:15- 12:40	<p><b>Making RNA circular: Wrapping the Messenger in a Closed RNA</b></p> <p><i>Dr. Chia-Yi Yu</i> 余佳益副研究員 National Health Research Institutes 國家衛生研究院</p>	<p><b>Challenges of Youth-onset Type 2 Diabetes in Taiwan</b></p> <p><i>Dr. Chih-Cheng Hsu</i> 許志成研究員 National Health Research Institutes 國家衛生研究院</p>
12:40- 13:40	<b>Lunch</b>	
13:40- 15:40	<p><b>Poster Discussion (Group SRC1-SRC5)</b></p> <p>Chairpersons:</p> <p><b>Group SRC 1 - Biomedical Science (Venue: Conference Room 2)</b> <i>Dr. Edward T.H. Yeh</i> 葉篤行院士 University of Arkansas for Medical Sciences</p> <p><b>Group SRC 2 - Neuroscience (Venue: Conference Room 1)</b> <i>Dr. Lina Wei</i> 魏麗娜教授 University of Minnesota</p> <p><b>Group SRC 3 - Cancer Research (Venue: Conference Room 3)</b> <i>Dr. Tso-Pang Yao</i> 姚佐邦教授 Duke University</p> <p><b>Group SRC 4 - Medical Engineering (Venue: Conference Room 4)</b> <i>Dr. Zong-Ming Li</i> 李宗明教授 University of Arizona</p> <p><b>Group SRC 5 - Clinical and Public Health (Venue: Conference Room 6)</b> <i>Dr. Tun-Hou Lee</i> 李敦厚教授 Harvard TH Chan School of Public Health</p>	