

Prostate Cancer International Symposium 2025

Prostate Cancer Therapy Resistance: the Genetic, Epigenetic and Metabolic Connections



Tzyy-Chouu Wu
(Johns Hopkins)



William G. Nelson
(Johns Hopkins)



Angelo DeMarzo
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Himisha Beltran
(Dana-Farber)



Allen C. Gao
(UCD)



Hongwu Chen
(UCD)



Jiaoti Huang
(Duke)



Colin Collins
(UBC)



Yuzhuo Wang
(UBC)



Mark J. O'Connor
(AstraZeneca)



Hsing-Jien Kung
(TMU)



April 9-10, 2025
9:30 AM - 17:00 PM



International Conference Hall
16F, Comprehensive Medical Building (Rear Building), Xinyi
Campus, Taipei Medical University

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TAIPEI MEDICAL UNIVERSITY



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醫學科技學院
College of Medical Science and Technology

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Mi-Hua Tao
(Academia Sinica)



Pei-Wen Hsiao
(Academia Sinica)



Chih-Pin Chuu
(NHRI)



Wen-Jye Lin
(NHRI)



Tai-Lung Cha
(NHRI)



Mien-Chie Hung
(CMU)



Ming-Shyue Lee
(NTU)



Yeong-Shiau Pu
(NTU)



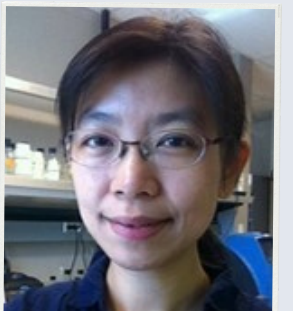
See-Tong Pang
(CGMH)



Wen-Ching Wang
(NTHU)



Shian-Ying Sung
(CSMU)



Ling-Yu Wang
(CGU)



Ke-Hung Tsui
(TMU-SHH)



Yu-Ching Wen
(TMU-WFH)



Yen-Nien Liu
(TMU)



Cheng-Fan Lee
(TMU)

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Day 1 April 9th (WED)			
9:30-9:40	<p>Opening</p> <p>TMU President, Mai-Szu Wu</p> <p>TMUH Superintendent, Chun Ming Shih</p> <p>TCC, Superintendent, Po-Li Wei</p>		
Time	Topic		Moderator
9:40-10:20	Neuroendocrine Differentiation	<p>Epigenetic Changes Associated With Lineage Plasticity and the Neuroendocrine Phenotype in Prostate Cancer</p> <p>Prof. Himisha Beltran (Dana-Farber)</p>	<p>Distinguished Research Fellow</p> <p>Tai-Lung Cha (NHRI)</p>
10:20-11:00		<p>Cellular Heterogeneity of Prostate Cancer Contributes to Therapy Resistance and Disease Progression</p> <p>Prof. Jiaoti Huang (Duke)</p>	
11:00-11:30		Coffee Break	
11:30-12:10		<p>Toward a Cancer Fear-Free World</p> <p>Prof. Yuzhuo Wang (UBC)</p>	<p>Professor</p> <p>Yeong-Shiau Pu (NTU)</p>
12:10-12:40		<p>Calcium-Sensing Mechanisms in Neuroendocrine Differentiation and Epithelial-to-Mesenchymal Transition in Prostate Cancer</p> <p>Prof. Yu-Ching Wen (TMU-WFH)</p>	
12:40-13:30	Lunch		
13:30-14:10	Epigenetics	<p>To Express or Not to Express: GSTP1 in Human Prostate Cancer</p> <p>Prof. Bill Nelson (Johns Hopkins)</p>	<p>Associate Investigator</p> <p>Wen-Jye Lin (NHRI)</p>
14:10-14:50		<p>Chromatin Bivalency in Control of Tumor Lineage Plasticity</p> <p>Prof. Hongwu Chen (UCD)</p>	
14:50-15:20		<p>Metabolic Modulation of Ferroptosis and Therapy Resistance</p> <p>Prof. Hsing-Jien Kung (TMU)</p>	
15:20-15:40	Coffee Break		
15:40-16:20	Genetics	<p>Identification of Germline Variants That Modify the Metastatic Potential of Prostate Tumors</p> <p>Prof. Colin Collins (UBC)</p>	<p>Research Fellow</p> <p>Pei-Wen Hsiao (Academia Sinica)</p>
16:20-16:50		<p>Understanding the Genetic Landscape of Prostate Cancer: Insights from a Retrospective Study on Germline DNA Damage Repair Mutations</p> <p>Prof. Shauh-Der Yeh (TMU-TMUH)</p>	
16:50-17:20		<p>Advancing Prostate Cancer Treatment with mRNA Vaccines: Opportunities and Challenges</p> <p>Prof. Mi-Hua Tao (Academia Sinica)</p>	

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Day 2 April 10th (THU)			
Time	Topic		Moderator
9:30-10:10	Prostate Cancer Progression	Prostatic Carcinogenesis: Focus on Intraepithelial Lesions Prof. Angelo DeMarzo (Johns Hopkins)	President Mien-Chie Hung (CMU)
10:10-10:50		Of Mice and Men: Comparative Biology of MYC Driven Prostate Cancer Prof. Srinivasan Yegnasubramanian (Johns Hopkins)	
10:50-11:10		Coffee Break	
11:10-11:40		Dysregulation of Pericellular Serine Proteases in Human Prostate Cancer Progression Prof. Ming-Shyue Lee (NTU)	Vice President Shian-Ying Sung (CSMU)
11:40-12:10		Prediction of Treatment Efficacy of Castration Resistant Prostate Cancer: Using Morphonic and Biomarkers Prof. See-Tong Pang (CGMH)	
12:10-13:30	Lunch		
13:30-14:10	Therapy Resistance	Therapeutic Strategies Overcoming Treatment Resistance in Advanced Prostate Cancer Prof. Allen C. Gao (UCD)	Professor Ke-Hung Tsui (TMU-SHH)
14:10-14:40		Tumor Microenvironment Modulation and Novel Immunotherapy Development in Prostate Cancer Prof. Yen-Nien Liu (TMU)	
14:40-15:10		Application of Micro-Western Array to Explore Serum Protein Biomarkers for Predicting the Development of Enzalutamide-Resistance or Abiraterone-Resistance and as Novel Theranostics Targets for Prostate Cancer Patients Prof. Chih-Pin Chuu (NHRI)	
15:10-15:30	Coffee Break		
15:30-16:00	Novel Therapy	Targeting KDM4: Epigenetic Strategies in Prostate Cancer Prof. Wenching Wang (NTHU)	Assistant Professor Cheng-Fan Lee (TMU)
16:00-16:30		Innovative PROTAC Strategies for Degrading Androgen Receptors in Advanced Prostate Cancer Prof. Ling-Yu Wang (CGU)	
16:30-17:10		Androgen Receptor Inhibition Extends PARP Inhibitor Activity in Prostate Cancer Beyond BRCA Mutations and HRR Deficiency Dr. Mark O'Connor, Chief Scientist, AstraZeneca	
17:10-17:30	Closing Remark Prof. Tzyy-Chouu Wu (Johns Hopkins)		