



2024 International TransMedTech Conference

Nov.07-08, 2024
Taipei Medical University, Shuang-Ho Campus

Day1 11/7 (Thu)

Emcee: Dr. Chao-Jung Wu

10:00

Opening remarks

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Dean, Dr. Shioh-Lin Pan

10:15

Group photos

Unraveling Cancer Mechanisms: From Molecular Pathways to Epigenetic Insights

Moderator: Dr. Ming-Heng Wu (TMU, Taiwan)

10:15

Dr. Ivy Chung (UM, Malaysia)

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Deciphering the Molecular Pathways of Endometrial Cancer: The Role of Cancer-Associated Fibroblasts

10:45

10:45

Dr. Felicia Fei-Lei Chung (Sunway University, Malaysia)

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Before the Genes Speak: Studying the role of epigenetics in cancer

11:15

11:15

Dr. Yen-Nien Liu (TMU, Taiwan)

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Increased Aggressiveness of Prostate Cancer with Reduced Androgen
Unveiling Mechanisms of Neuroendocrine Differentiation

11:45

11:45

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Lunch & Poster Section

14:00



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Innovation in 3D Biomaterials and Cultured Models

Moderator: Dr. Jian-Ying Chuang (TMU, Taiwan)

14:00 14:30	Dr. Pietradewi Hartrianti (i3L, Indonesia) Design of keratin-based self-healing hydrogel as bioink material for tissue engineering and organoid 3D-printing : a proof of concept
14:30 15:00	Dr. Yu-Lung Lin (TMU, Taiwan) A 3D bilayer hydrogel tri-culture system for studying functional motor units neuromuscular disorders
15:00 15:30	Coffee Break

Precision Medicine and Biotechnology

Moderator: Dr. Yung-Feng Lin (TMU, Taiwan)

15:30 16:00	Dr. Rio Hermantara (i3L, Indonesia) Enhancing CRISPR-Cas9 Efficiency in Precise Transgene Integration by Minimizing Unintended DNA Insertions
16:00 16:30	Dr. Tewin Tencomnao (Chula, Thailand) Integrated model approaches for identifying natural products against neurodegenerative diseases and aging
17:00~	Banquet Dinner



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Day 2 11/8 (Fri)

Emcee: Dr. Chao-Jung Wu

Advances in Therapeutic Innovations for Disease Management

Moderator: Dr. Wei-Chun HuangFu (TMU, Taiwan)

9:30 10:00	<p>Dr. Kamal Dua (UTS, Australia)</p> <p>Novel therapeutic interventions for chronic airway diseases</p>
10:00 10:30	<p>Dr. Bey Hing Goh (Sunway University, Malaysia)</p> <p>Biofunctional Molecules Discovery: Bridging the Gap in Translation of Innovation</p>
10:30 10:45	Coffee Break

Innovative and transformational medical technology

Moderator: Dr. Kuen-Haur Lee (TMU, Taiwan)

10:45 11:15	<p>Dr. Nhung-Thi My HOANG (VNU, Vietnam)</p> <p>Fresh human umbilical cord arteries as a potential source for small-diameter vascular grafts</p>
11:15 11:45	<p>Dr. Han-Ying Jhuang (TMU, Taiwan)</p> <p>High-Resolution Object Provenance with Synthetic Barcoded Microbial Systems</p>
11:45 12:00	Awards and Closing Remarks