29TH MEDICAL RESEARCH CONFERENCE

Clinical, Translational & Data Science

Venue : 1/F Boardroom, Daniel & Mayce Yu Administration Wing

08:15 – 09:00	Poster Presentation
09:00 – 09:10	Opening Ceremony
09:10 – 09:50	**Plenary Lecture I: Genomic Medicine for Kidney Diseases and Beyond** **Prof Ali GHARAVI** *Columbia University, United States*
09:50 – 10:10	Coffee Break (G/F, Laboratory Block)

Scientific Session I

10:10 – 10:35	**Optimizing Cholesterol Treatment with Statins in Patients with Type 2 Diabetes** **Dr Eric WAN** *Department of Family Medicine and Primary Care &* *Department of Pharmacology and Pharmacy, HKUMed*
10:35 – 11:00	**Update on the Treatment and Prevention of COVID-19 Infection** **Prof Ivan HUNG** *Department of Medicine, School of Clinical Medicine, HKUMed*
11:00 – 11:25	**Inflammation-Driven Diseases: Insights from Drosophila** **Dr Jung KIM** *School of Biomedical Sciences, HKUMed*

Scientific Session II

11:25 – 11:50	**Press-N-Go Wearable Sensors for Continuous Healthcare Monitoring** **Prof Xi YAO** *Department of Biomedical Sciences, City University of Hong Kong*
11:50 – 12:15	**Targeting Unhealthy Vascular Endothelium** **Prof Yu HUANG** *Department of Biomedical Sciences, City University of Hong Kong*
12:15 – 12:40	**Combating Immune Checkpoint Blockade Resistance: Exploring Mechanism and Novel Targets** **Dr Heidi LING** *School of Biomedical Sciences & Department of Medicine,* *School of Clinical Medicine, HKUMed*

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12:40 – 13:50	Lunch (G/F, Laboratory Block)
13:50 – 14:25	Best Abstract Award Presentation
14:25 – 15:05	**Plenary Lecture II: Translating Genomic Research to Clinical Practice – Haematology Perspective** **Dr Hein THAN** *Duke-NUS Medical School, Singapore*
15:05 – 15:45	**Plenary Lecture III: Advancing Evidence-Based Coronary Interventions: The Asan Experience with Randomized Controlled Trials** **Prof Duk-Woo PARK** *University of Ulsan College of Medicine, South Korea*
15:45 – 16:00	Coffee Break (G/F, Laboratory Block)

Scientific Session III

16:00 – 16:25	**AI in Radiology** **Prof K. Ty BAE** *Department of Diagnostic Radiology, School of Clinical Medicine, HKUMed*
16:25 – 16:50	**Multi-omics and Artificial Intelligence in Medical Research** **Dr Joshua HO** *School of Biomedical Sciences, HKUMed*
16:50 – 17:15	**Exploring the Future of Gastrointestinal Healthcare: The Integration of Artificial Intelligence in Colonoscopy Procedures** **Dr Thomas LUI** *Department of Medicine, School of Clinical Medicine, HKUMed*

HKU Med — School of Clinical Medicine
Department of Medicine
香港大學內科學系

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Scientific Session IV

17:15 – 18:10

✧ **Genetically Encoded Multiphase Droplet for Drug Delivery**
Prof Anderson SHUM
Department of Mechanical Engineering, HKU

✧ **Multiplexed Digital PCR for Disease Diagnosis**
Prof David A. WEITZ
Harvard University, United States

✧ **Structure Switching Aptamers for Sepsis Biomarker**
Prof Julian A. TANNER
School of Biomedical Sciences, HKUMed

✧ **Cell-omics**
Prof Kevin TSIA
Department of Electrical and Electronic Engineering, HKU

✧ **Inhalable Nanoagglomerate for Respiratory Application**
Dr Aviva CHOW
Department of Pharmacology and Pharmacy, HKUMed

✧ **Organoide in Droplets**
Prof Andreas BAUSCH
Technical University of Munich, Germany

18:10 – 18:15   Closing Remarks