

CITYU-HKU-NUS JOINT SYMPOSIUM 2024: Innovations in Healthcare: Advanced Technology for Disease Diagnostics and Treatment

Date: 24 April 2024, Hong Kong **Time:** 10:30 AM - 17:30 **Location:** Senate Room, 19/F, LAU, CityU

Plenary sessions



Prof Lu Jian
(Dean of Engineering,
City University of Hong Kong)



Prof Lim Chwee Teck
(Director of iHealthtech,
National University of
Singapore)



Prof Zhang Yong
(Chair Professor & Head of BME,
Global STEM Professor,
City University of Hong Kong)



Prof Anderson Shum
(Director of ABIC,
The University of Hong Kong)

12:00 - 13:30: Lunch Break

Invited Talks – Session 1

Prof Gao Yujia (National University of Singapore)
13:30-13:45
Holomedicine - Next Generation Integrated Medical Platform

Prof King Lai (City University of Hong Kong)
13:45-14:00
Advancing Automatic Patch Clamp Recording with Smart Intelligent

Prof Jin Yueming (National University of Singapore)
14:00-14:15
Towards Robust AI for Medical Imaging and Analysis

Prof Wu Changsheng (National University of Singapore)
14:15-14:30
Wireless, Skin-interfaced Optical and Mechano-acoustic Sensors for Deep-tissue Monitoring

Prof Qinrong Zhang (City University of Hong Kong)
14:30-14:45
High-resolution imaging of the mouse eye

Prof Qiu Anqi (National University of Singapore)
14:45-15:00
Deciphering the Influence of Fetal Programming on Child Mental Health: Insights from Neuroimaging and Genetics

Prof Kenneth KY Wong (The University of Hong Kong)
15:00-15:15
Bioimaging Empowered by Ultrafast Photonics

15:15-15:30 Tea/Coffee Break (Snacks will be provided)

Invited Talks – Session 2

Prof James Goh (National University of Singapore)
15:30-15:45
Bridging Tissue Engineering to Cultivated Meat for Personalized Nutrition

Prof Yu Haoyong (National University of Singapore)
15:45-16:00
Next Generation Wearable Robotics-A Modular Approach

Prof Chen Chia-hung (City University of Hong Kong)
16:00-16:15
Uncovering rare metastatic and resistant cells via microfluidic single-cell screening system

Prof Jennifer Young (National University of Singapore)
16:15-16:30
Biomaterial design for extracellular matrix mechanobiology

Prof ZhiQin CHU (The University of Hong Kong)
16:30-16:45
Nanodiamonds-based Multidimensional Traction Force Microscopy

Prof Toh Wei Seong (National University of Singapore)
16:45-17:00
Extracellular Vesicle (EV) and EV-mimetics for Therapeutic Applications

Prof Pakpong Chirarattananon (City University of Hong Kong)
17:00-17:15
Bio-Inspired Design in Robotics: an Agile Hopping-Flying Robot

Prof Daniel Teh Boon Loong (National University of Singapore)
17:15-17:30
Translational Wireless Phototherapeutics in the Application of Photodynamic Therapy and Optogenetics

Website QR code



Registration QR code

