

**HKSMS Symposium 2024 and HKSMS 26th Annual General Meeting****22 June 2024 (Saturday)***The Grand Assembly Hall, 4/F North Tower**The Salisbury - YMCA of Hong Kong, 41 Salisbury Road, Tsim Sha Tsui, Kowloon, Hong Kong*

09:30 – 09:45	Registration
<u>Morning Session 1</u>	
09:45 – 10:00	Opening Remarks
10:00 – 10:45	<u>Plenary Lecture</u> Lipidomics for biomedical/biological research: An introductory talk Prof. Xianlin HAN , Barshop Institute for Longevity and Aging Studies and Glenn Biggs Institute for Alzheimer's and Neurodegenerative Diseases, University of Texas Health Science Center at San Antonio
10:45 – 11:25	Coffee Break
<u>Morning Session 2</u>	
11:25 – 11:45	<u>Invited Lecture</u> [I1] Mass spectrometry based functional metabolomics method advances therapeutic discovery in pancreatic cancer Prof. Haitao LYU , School of Chinese Medicine, Hong Kong Baptist University
11:45 – 12:00	<u>HKSMS Conference Awards – Oral Presentation</u> [AO1] Data storage and retrieval using proteins and LC-MS/MS analysis Mr. Yin ZHOU , Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University
12:00 – 12:15	<u>Member Oral Presentation</u> [O1] Multi-omics based techniques in studying the regulatory effects of exercise in alleviating diabetic kidney disease Dr. Xiang LI , State Key Laboratory of Environmental and Biological Analysis, Hong Kong Baptist University
12:15 – 12:25	<u>Sponsored by Agilent Technologies Hong Kong Ltd.</u> [S1] Expanding MassHunter Explorer identification capabilities with SIRIUS and CSI:FingerID Dr. Yik Ling Winnie HUNG , Agilent Technologies Hong Kong Ltd.
12:25 – 14:00	Lunch & Poster Session
14:00 – 14:20	26th Annual General Meeting

Afternoon Session 1	
14:20 – 14:40	<p><u>Invited Lecture</u></p> <p>[I2] New sampling methods for on-site mass spectrometry analysis of human health and environmental pollutants</p> <p><i>Dr. Bin HU, College of Environment and Climate, Jinan University</i></p>
14:40 – 14:55	<p><u>HKSMS Conference Awards – Oral Presentation</u></p> <p>[AO2] Self-contained validation by partition as a way of verifying FDR estimates in proteomics</p> <p><i>Mr. Dominik MADEJ, Department of Chemical and Biological Engineering, The Hong Kong University of Science and Technology</i></p>
14:55 – 15:10	<p><u>Member Oral Presentation</u></p> <p>[O2] Study of copper-driven self-assembly of amino acids by ion mobility mass spectrometry</p> <p><i>Dr. Dongqi HAN, Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University</i></p>
15:10 – 15:20	<p><u>Sponsored by Bruker Scientific Instruments Hong Kong Co. Ltd. & Grandtech Scientific Hong Kong Ltd.</u></p> <p>[S2] Bruker new launches in ASMS</p> <p><i>Mr. Chi Chung LEE, Bruker Scientific Instruments Hong Kong Co. Ltd</i></p>
15:20 – 15:30	<p><u>Sponsored by Thermo Fisher Scientific (Hong Kong) Limited</u></p> <p>[S3] A novel hybrid high speed mass spectrometer enable highly multiplex targeted proteomics</p> <p><i>Mr. Haoran HUANG, Thermo Fisher Scientific (Hong Kong) Limited</i></p>
15:30 – 16:00	Coffee Break
Afternoon Session 2	
16:00 – 16:20	<p><u>Invited Lecture 3</u></p> <p>[I3] Mass spectrometry-based discovery of metabolites for modulating energy flexibility against geo-specific PM2.5 toxicity</p> <p><i>Prof. Zhu YANG, Department of Biology, Hong Kong Baptist University</i></p>
16:20 – 16:35	<p><u>HKSMS Conference Awards – Oral Presentation</u></p> <p>[AO3] Cellular-level resolution DESI-MS imaging</p> <p><i>Mr. Chengyi XIE, Department of Chemistry, Hong Kong Baptist University</i></p>
16:35 – 16:50	<p><u>HKSMS Conference Awards – Oral Presentation</u></p> <p>[AO4] Adaptive laboratory evolution and elucidation of alcohol tolerant <i>Enterococcus faecium</i> strains</p> <p><i>Ms. Xing WU, The Hong Kong University of Science and Technology</i></p>
16:50 – 17:00	Award Presentation and Closing
AGM Dinner at Thornton Room & Huthart Room I, 3/F South Tower	
18:00 – 20:30	Dinner with Lucky Draw

