

Research Poster Exhibition 2024

14 May – 31 July

List of Participants

| Panel | Participant | Author(s) | Unit(s) | Poster Title |
|-------|----------------------------------|---|---|--|
| 1 | Miss Hiu Yan YU | Yu Hiu Yan, Prof. Tsang Ling Ming | School of Life Sciences, The Chinese University of Hong Kong | The evolutionary relationship of Pancrustacea: Untangling the discordance |
| 2 | Miss Sau Shan CHENG | Sau-Shan Cheng, Jacky Chi-Ki Ngo, Yee-Shan Ku, Zhixia Xiao, Ming-Yan Cheung*, Hon-Ming Lam* (*Correspondence) | School of Life Sciences and Centre for Soybean Research of the State Key Laboratory of Agrobiotechnology, The Chinese University of Hong Kong | The possible roles of a plant ribosome-associated protein, AtYchF1, on translational regulation in Arabidopsis |
| 3 | Mr King Ngai CHOW | Nick King Ngai Chow ^{1,2} , Jacky Tin Shing Hung ² , Thomas Chun Yi Wong ² , Ben Tin Yan Wong ² , Hei Ming Lai ^{1,2,3} | ¹ School of Biomedical Sciences, Faculty of Medicine, The Chinese University of Hong Kong ² Department of Chemical Pathology, Faculty of Medicine, The Chinese University of Hong Kong ³ Department of Psychiatry, Faculty of Medicine, The Chinese University of Hong Kong | 3D histology: a large-scale lectin atlas |
| 4 | Mr Mark Lester Francisco PADILLA | Mark Lester F. Padilla, Zhipeng Dong, Fei Chen | Department of Mechanical and Automation Engineering, The Chinese University of Hong Kong | Flexible Force-sensitive Sealed Packet with Single Fluidic Chamber |
| 5 | Mr Evan Jonas WONG | Evan Jonas Wong | Department of Educational Administration and Policy, The Chinese University of Hong Kong | A Case Study on the Reasons for Teacher Turnover under the Professional Capital Theory |
| 6 | Mr Peiyuan HUANG | Peiyuan Huang ¹ , Chao Yang ² , Kai Liu ² , Liting Duan ¹ | ¹ Department of Biomedical Engineering, The Chinese University of Hong Kong ² Division of Life Science, The Hong Kong University of Science and Technology | Optogenetic Activation of TrkB signaling for Neuroprotection of Retinal Ganglion Cells |
| 7 | Ms Hin Hung TSANG | TSANG, Hin Hung Rainbow Supervisor: Prof. LUO, Haiwei; Co-supervisor: Prof. FALKENBERG, Laura | School of Life Sciences, The Chinese University of Hong Kong | The relative performance of three key intertidal bivalves under future ocean warming |

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|-------|----------------------|---|--|--|
| 8 | Mr Xianfeng YAN | Xianfeng Yan ¹ , Isaac T Cheng ¹ , Jacqueline So ¹ , Ho So ¹ , Ryan Ka Lok Lee ² , James Francis Griffith ² , Lai-Shan Tam ¹ | ¹ Department of Medicine and Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong ² Department of Imaging and Interventional Radiology, Prince of Wales Hospital, The Chinese University of Hong Kong | Performance of low-dose computed tomography, magnetic resonance imaging and conventional radiography in differentiating axial involvement in patients with psoriatic arthritis |
| 9 | Mr Zhenhe ZHANG | Jack Zhenhe Zhang ¹ , Anna Lee ¹ , Chanu Rhee ^{2,3} , Lowell Ling ¹ | ¹ Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong ² Department of Population Medicine, Harvard Medical School/Harvard Pilgrim Health Care Institute, Boston, MA, USA ³ Division of Infectious Diseases, Department of Medicine, Brigham and Women's Hospital, Boston, MA, USA | A population study on provisions of care for patients with community-acquired sepsis |
| 10 | Mr Abdullah ABDULLAH | Abdullah ABDULLAH | Department of Mathematics, The Chinese University of Hong Kong | Reconstruction and isolation of different dynamics in video data via untrained generator network with disentangled latent space and applications to cardiac MRI |
| 11 | Ms Ran LIAO | Ran LIAO | Department of English, The Chinese University of Hong Kong | Humanizing the Expertise: Identity Construction of Doctor Influencer on YouTube |
| 12 | Mr Wei JIANG | Wei JIANG | Department of Translation, The Chinese University of Hong Kong | Charting Urban Shanghai: Cheng Xiaoqing and His Huo Sang Universe (1931–1933) |
| 13 | Mr Siyang JIANG | Siyang Jiang, Xian Shuai, Guoliang Xing | Department of Information Engineering, The Chinese University of Hong Kong | ArtFL: Exploiting Data Resolution in Federated Learning for Dynamic Runtime Inference via Multi-Scale Training |
| 14 | Mr Aown ABBAS | Aown Abbas Supervisor: Lai Yuk Fo Derrick | Department of Geography and Resource Management, The Chinese University of Hong Kong | Sustainable Solutions for a Greener Future: Efficacy of Biochar and Elemental Sulfur on Soil Health and Crop Yield in Chromium-Contaminated Soil |

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|-------|------------------------------------|--|--|---|
| 15 | Mr Yuet Cheung YUEN | Ivo Yuen, Timothy Kwok | Faculty of Medicine, The Chinese University of Hong Kong | The effect of virtual Zen garden on quality of life and affect of residents in long-term care home |
| 16 | Ms Myrian Sze Nga FAN | Myrian Sze Nga FAN, William Ho Cheung LI, Laurie Long Kwan HO, Michael Timothy NG, Sara PACCHIANI | The Nethersole School of Nursing, Faculty of Medicine, The Chinese University of Hong Kong | Resilience as mediator: Investigate the interplay between depressive symptoms, psychosocial health, and resilience in school-aged children with autism in inclusive education |
| 17 | Mr Yuwen WANG | Yuwen Wang ¹ , Min Jin ¹ , Rocky S. Tuan ¹ , Zhong Alan Li ¹ | ¹ The Chinese University of Hong Kong | Dipeptide Encoded Chiral Gold Nanoparticle For Enantiomer- Dependent Osteogenesis |
| 18 | Mr Yvan Ysmael Tobias YONAHA | Yvan Yonaha ¹ , Raphael Duerr ¹ , Honeylet Santos ² | ¹ Department of Sociology, The Chinese University of Hong Kong ² UP School of Statistics | Examining Taiwan and Singapore Government Press Releases During the COVID-19 Pandemic Through Latent Topic Modeling |
| 19 | Ms Lophina PHIRI | Lophina Phiri ¹ , William Ho Cheung Li ¹ , Patrick G.M.C. Phiri ² , Kai Chow Choi ¹ , Watipaso Wanda-Kalizang'oma ³ , Grace Nkhandwe ⁴ | ¹ The Nethersole School of Nursing, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong ² Institute of Applied Technology, Fatima College of Health Sciences, Al Ain, Abu Dhabi, United Arab Emirates ³ Baylor College of Medicine Children Foundation, Global HOPE Project, Lilongwe, Malawi. ⁴ Queen Elizabeth Central Hospital, Chipatala Road, Ginnery Corner, Malawi- Blantyre 3, Malawi | Feasibility and Preliminary Outcomes of a Psychoeducation Intervention for Caregivers of Children with Cancer Receiving Treatment: A Pilot Study |
| 20 | Mr Long Hei CHENG | Matthew Long-Hei Cheng ¹ , Martin Tsz-Ki Tsui ^{1,2} | ¹ School of Life Sciences, The Chinese University of Hong Kong ² Earth and Environmental Sciences Programme, The Chinese University of Hong Kong | Methylmercury biomagnification in subtropical forest food webs |