

27th Medical Research Conference (27th MRC) – 15 January 2022, Saturday Poster Presentation List

Ab No.	Specialty / Division	Presenting Author	Abstract Title
Clinical Research (LT 3 & 4)			Chairmen: Dr Michael Cheung and Dr Pauline Yeung
05	Rheumatology and Clinical Immunology	Dr Chan Chiu Wai Shirley	Epidemiology, mortality and effectiveness of prophylaxis for <i>Pneumocystis jiroveci</i> pneumonia among rheumatic patients: a territory-wide study
11	Endocrinology and Metabolism	Dr Lui David Tak-Wai	A prospective study of the impact of glycaemic status on clinical outcomes and anti-SARS-CoV-2 antibody responses among patients with predominantly non-severe COVID-19
36	Dermatology	Dr Chan Wai Man Mandy	Genome-wide association study of atopic dermatitis in Hong Kong
41	Respiratory Medicine and Critical Care Medicine	Dr Kwok Wang Chun	Development of a prediction model on disease recurrence for low-risk resected stage I lung adenocarcinoma with high prevalence of EGFR mutations
45	Cardiology	Mr Li Ron Hang Long	Epidemiology and microbiology of infective endocarditis in Hong Kong, 2002 – 2019
64	Cardiology	Mr Leung Ka Lam Calvin	Clinical outcomes among patients with acute coronary syndrome and concomitant multivessel disease based on a novel angiography-based index in non-culprit vessels
76	Cardiology	Ms Li Kwan Yu	3-year outcomes in stable coronary artery disease patients with diabetes based on a novel index: computational pressure-flow dynamics derived fractional flow reserve
83	Geriatrics	Dr Ip Chin-Tung Whitney	Changes in pattern of elderly abuse during COVID-19 pandemic
94	Infectious Diseases	Dr Zhang Ruiqi Ricky	Antibody response of BNT162b2 and CoronaVac platforms in COVID-19 recovered individuals against SARS-CoV-2 wild type and delta variant
96	Infectious Diseases	Ms Liu Danlei	Correlation of immunogenicity and reactogenicity of BNT162b2 and CoronaVac SARS-CoV-2 Vaccines
99	Geriatrics	Dr Yuen Jacqueline	Impact of careful hand feeding program on feeding tube use in patients with advanced dementia
32	Neurology	Mr Chua Jinghui Bryan	LDL-cholesterol and risk of recurrent vascular events in Chinese ischemic stroke patients with and without significant atherosclerosis

Basic Science & Translational Research and Clinical Research (LT1)			Chairmen: Dr Vera Chan and Dr Susan Yung
02	Nephrology	Mr Wong Cheuk Yin	Major vault protein contributes to tubulo-interstitial inflammation and fibrosis in a murine model of chronic kidney disease
27	Neurology	Ms Ma Ke	Pharmacological inhibition of fatty acid-binding protein 4 is neuro-protective in the acute phase of ischemic stroke
28	Endocrinology and Metabolism	Dr Kesavamoorthy Gandhervin	Macrophage glucose transporter-1 mediates obesity-induced non-alcoholic fatty liver disease in mice
31	Gastroenterology and Hepatology	Dr Zhang Saisai	Absence of fumaric acid as a fecal biomarker for non-alcoholic fatty liver disease
37	Endocrinology and Metabolism	Dr Xu Lu	Deciphering the molecular mechanism of signal transducing adaptor family member (STAP) 1 in the regulation of hepatic lipid metabolism
38	Endocrinology and Metabolism	Ms Wu Xuerui	Serum thrombospondin-2 Levels are closely associated with the Severity of metabolic syndrome and metabolic associated fatty liver disease
55	Endocrinology and Metabolism	Dr Wang Baile	The mechano-sensitive ion channel Piezo1 controls the cell fate determination of bone marrow mesenchymal stem cells
59	Neurology	Ms Chang Eun Seo (Eunice)	Long-term intermittent treatment of brain penetrant LRRK2 inhibitor reduces brain alpha-synuclein oligomers without adverse peripheral effects in LRRK2 ^{R1441G} mutant mice
84	Respiratory Medicine and Critical Care Medicine	Dr Kwok Hoi Hin	Drug-resistant subpopulation in <i>ALK</i> -rearranged lung adenocarcinoma release CCL20 to modulate tumor immune microenvironment
90	Infectious Diseases	Ms Lam Hoi Ying Athene	Evaluation of an antigen detection rapid diagnostic test for detection of SARS-CoV-2 in clinical samples
101	Respiratory Medicine and Critical Care Medicine	Ms Yang Jiahuang	Establishment of peripheral blood lymphocytes and lung tumor organoids co-culture model
82	Gastroenterology and Hepatology	Dr Cheung Ka Shing	Benefit of aspirin on mortality reduction of gastrointestinal cancer prevention <i>versus</i> risk of mortality from major bleeding in subjects after <i>Helicobacter pylori</i> eradication: a territory-wide study

N.B. Posters are posted on the [webpage of 27th MRC](#) for viewing.