

THE UNIVERSITY OF HONG KONG
LKS FACULTY OF MEDICINE

Theme-based Research Scheme

Fourteenth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor Z Chen	Microbiology	Sustained cART-free HIV-1 Control by Immunotherapeutic Interventions	HK\$66.762M	2025-2029
Professor SKY Ma	Biomedical Sciences	Understanding Phenotypic Plasticity in Hepatocellular Carcinoma to Mitigate Therapy Resistance and Tumor Recurrence	HK\$55.367M	2025-2029

Thirteenth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor XY Guan	Clinical Oncology	Investigation of the immunosuppressive microenvironment in nasopharyngeal carcinoma	HK\$62.971M	2024-2028
Professor W Jia	Pharmacology and Pharmacy	Dysregulated Host - Gut Microbiota Co-Metabolism in Metabolic Associated Fatty Liver Disease	HK\$8.094M	2024-2025

Twelfth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor XY Guan	Clinical Oncology	Characterization of Tumor Microenvironment in Nasopharyngeal Carcinoma	HK\$9.678M	2023
Professor IOL Ng	Pathology	Delineating and Translating the Mechanistic Determinants to Improve the Clinical Management of Liver Cancer	HK\$43.011M	2023-2027

Eleventh Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor DY Jin	Biomedical Sciences	Ecology, Molecular Virology and Pathogenesis of SARS-CoV-2: From Bedside to Bench and Back	HK\$42.278M	2022-2026
Professor LLM Poon	Public Health	Virological, Immunological and Epidemiological Characterization of COVID-19	HK\$68.834M	2022-2026
Dr VCH Lui	Surgery	Translating Disease-Mechanism Discoveries to Improve Treatment of Biliary Atresia, an Intractable Newborn Liver Disease	HK\$56.127M	2022-2026

Tenth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor AYH Leung	Medicine	Towards Personalized and Innovative Treatment for Acute Myeloid Leukaemia	HK\$46.667M	2020-2025

Ninth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor BJ Cowling	Public Health	Control of Influenza: Individual and Population Immunity	HK\$55.555M	2020-2024
Professor CM Lo	Surgery	Fighting Disease Recurrence and Promoting Tissue Repair after Liver Transplantation: Translating Basic Discoveries to Clinical Excellence	HK\$50M	2019-2024

Eighth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor Z Chen	Microbiology	Potentiating Host Immunity for HIV-1 Functional Cure	HK\$47.128M	2018-2023

Seventh Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor ML Lung	Clinical Oncology	Translational Studies for Elucidating the Tumor Heterogeneity and Molecular Evolution in Metastatic Gastrointestinal Tract Cancers for Personalized Medicine	HK\$33.333M	2017-2021

Sixth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor SY Leung	Pathology	Gastric Cancer Genomics and Beyond - Moving from Patient Samples to 3D Organoid Cultures for Integrative Genomics Analysis, Drug Sensitivity Assays, Cell Biological Studies and Animal Models	HK\$40M	2016-2021
Professor IOL Ng	Pathology	Understanding Cancer Stemness in Liver Cancer - From Regulation to Translational Applications	HK\$42.222M	2016-2021

Fifth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor PCY Woo	Microbiology	Molecular Basis for Interspecies Transmission and Pathogenesis of Middle East Respiratory Syndrome Coronavirus	HK\$46.712M	2016-2020

Fourth Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor JSM Peiris	Public Health	Viral, Host and Environmental Determinants of Influenza Virus Transmission and Pathogenesis	HK\$75.06M	2015-2019

Professor PKH Tam	Surgery	Genetics and Functional Genomics of Neural Crest Stem Cells and Associated Disease: Hirschsprung Disease	HK\$62.36M	2015-2019
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Third Round Exercise

Nil

Second Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor KSE Cheah	Biochemistry	Functional analyses of how genomic variation affects personal risk for degenerative skeletal disorders	HK\$74.553M	2013-2017

First Round Exercise

Project Coordinator	Department/School	Project Title	Approved Amount	Indicative Project Time-Frame
Professor RA Li	Physiology	Cell-based Heart Regeneration	HK\$60M	2011-2016
Professor HF Tse	Medicine	Personalized Medicine for Cardiovascular Diseases: From Genomic Testing and Biomarkers to Human Pluripotent Stem Cell Platform	HK\$40M	2012-2016