

THE UNIVERSITY OF HONG KONG
LI KA SHING FACULTY OF MEDICINE

ITF - Partnership Research Programme (PRP)*

* The UICP and the collaborative stream of the ITSP have been merged and is named as the Partnership Research Programme (PRP) in January 2019.

2020

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Professor AWM Lee	Clinical Oncology	Precision Oncology Programme for Non-Small-Cell-Lung Cancer	24,999,500
Prof XY Guan	Clinical Oncology	Genetic engineering of FGFR2+ fibrocytes as vehicles for IL12 targeting Esophageal Squamous Cell Carcinoma	820,000
Dr W Yang	Paediatrics and Adolescent Medicine	Establishing the First Southern Chinese Haplobank of Clinical-Grade Human Induced Pluripotent Stem Cell Lines for Regenerative Medicine	2,772,797
Dr SLC Chui	Pharmacology and Pharmacy	Cardiovascular risk prediction model for patients on lipid modifying drugs	1,592,318
Dr GPH Leung	Pharmacology and Pharmacy	Pharmacological effects of cultivated <i>Amauroderma rugosum</i> of Hong Kong origin on aging-related diseases and identification of its active ingredients	1,103,310
Dr P Cao	Diagnostic Radiology	Development of super-resolution bioimaging method for the wrist: from portable wristband EIT to detailed MRI wrist anatomy	176,640
Professor KWK Yeung	Orthopaedics and Traumatology	Development of near-infrared sensitive photothermal aerogels for potential applications	1,989,500

2019

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Dr KWH Chiu	Diagnostic Radiology	Development of a Deep Learning Algorithm Capable of Radiologist-level Detection and Characterisation of Liver Cancers on Magnetic Resonance Imaging	370,249
Dr DW Chan	Obstetrics and Gynaecology	Using Genome-wide DNA Methylome Profiling to Analyze Cisplatin-resistance in Human Ovarian Cancers	3,725,364

2018

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Professor Z Chen	Microbiology	A Novel PD1-based Vaccine for HIV/AIDS Immunotherapy	11,998,825

2017

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Dr Y Zhang	Chinese Medicine	The Pharmacological Effect and Mechanisms Study on Dendrobium Officinale - Yuye Decoction (DOY) to Improve Diabetic Nephropathy	759,151
Professor PKH Tam	Dr. Li Dak-Sum Research Centre	Establishment of New Treatment Strategy for Neurological Diseases Using Patient Specific Induced Pluripotent Stem Cells and High-resolution Single Cell Sequencing	7,599,200
Professor PKH Tam	Dr. Li Dak-Sum Research Centre	Advancing Diagnosis and Treatment of Two Liver Diseases, Alagille Syndrome and Biliary Atresia, by Organoid and Single Cell Transcriptome Analysis	7,798,615

2016

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Professor J Shen	Chinese Medicine	Evaluating the neuroprotective effect and safety of An-Gong-Niu-Huang Wan and its ingredients in ischemic stroke	2,486,121
Professor GCF Chan	Paediatrics & Adolescent Med	Automated bioreactors for expanding and monitoring mesenchymal stem cells	7,648,700

2015

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Dr J Chen	Chinese Medicine	Development of tea bag YH0618, an herbal dietary supplement against chemotherapy-induced toxicity	806,540
Professor ML Lung	Clinical Oncology	Regulation and Clinical Implication of PD-L1 Expression in Esophageal Tumor Cells subjected to Chemotherapy	2,259,600
Professor A Xu	Medicine	Development of innovative chemiluminescent immunoassays for diabetes and its cardiovascular complications	3,475,268
Dr S Yuan	Microbiology	Development of Anti-influenza Agents Targeting Influenza Virus RNA Polymerase	2,600,000

2014

Principal Applicant	Department/School/Centre	Project Title	Approved Amount (HK\$)
Dr TCC Yau	Medicine	A Phase II study of the safety and efficacy of PEG-BCT-100 combined with capecitabine/oxaliplatin in patients with advanced hepatocellular carcinoma (Part I)	4,628,440

2013

Principal Applicant	Project Title	Department/School/Centre	Approved Amount (HK\$)
Professor B Zheng	Microbiology	Development of Antiviral Peptides against Infections of Influenza Virus and Other Respiratory Viruses	1,720,000

2012

Principal Applicant	Project Title	Department/School/Centre	Approved Amount (HK\$)
Professor B Zheng	Microbiology	Development of Antiviral Agents based on Small RNA Containing Unique Motif	6,434,000