

THE UNIVERSITY OF HONG KONG
LI KA SHING FACULTY OF MEDICINE

ITF - Midstream Research Programme for Universities (MRP)

2021

Principal Applicant	Department/School/Unit	Project Title	Approved Amount (HK\$)
Dr JPY Cheung	Orthopaedics and Traumatology	A Non-radiation Artificial Intelligence Spine Deformity Diagnosis System	7,640,738
Dr JKW Lam	Pharmacology & Pharmacy	Self-Assembly RNA Pulmonary Delivery Platform For The Treatment Of Respiratory Diseases	1,269,000

2020

Principal Applicant	Department/School/Unit	Project Title	Approved Amount (HK\$)
Dr J Chen	Chinese Medicine	The Novel Oral Administration Isoliquiritigenin-Protein/Zein Nanodrug Targeting for Triple-Negative Breast Cancer Treatment	4,999,314

2019

Principal Applicant	Department/School/Unit	Project Title	Approved Amount (HK\$)
Professor SCW Tang *Project Co-A	Medicine	Low-Cost Highly Sensitive Glucose Sensors for Noninvasive Glucose Detection	735,000

2018

Principal Applicant	Department/School/Unit	Project Title	Approved Amount (HK\$)
Professor PCY Woo	Microbiology	Diagnosing Fungal Infections By Artificial Intelligence	3,499,997
Dr VYL Leung	Orthopaedics and Traumatology	Target Identification of a Novel Small Molecule Capable of Modifying Intervertebral Disc Degeneration	2,675,089

2017

Principal Applicant	Department/School/Unit	Project Title	Approved Amount (HK\$)
Dr JSK Kwan	Medicine	Innovative IT Platform To Enable Remote Group Cognitive Stimulation Therapy For Better Cognition And Well-being In Older Dementia Patients And Their Caregivers: The FaceCog Project	3,119,288
Dr KH Yiu	Medicine	Development Of A Novel Cardiac Imaging Technique To Detect Silent Brain Infarction In The Elderly To Prevent Subsequent Vascular Dementia	4,166,781
Dr K Chiu	Ophthalmology	Development of Wolfberry as Herbal Medicine to Modulate Systemic Inflammation and Neuroinflammation for Alzheimer's Disease	4,500,000