

THE UNIVERSITY OF HONG KONG  
LI KA SHING FACULTY OF MEDICINE

ITF - Midstream Research Programme for Universities (MRP)

**2021**

<b>Principal Applicant</b>	<b>Department/School/Centre</b>	<b>Project Title</b>	<b>Awarded Amount (HK\$)</b>
Dr JPY Cheung	Orthopaedics and Traumatology	A Non-radiation Artificial Intelligence Spine Deformity Diagnosis System	7,640,738.00

**2020**

<b>Principal Applicant</b>	<b>Department/School/Centre</b>	<b>Project Title</b>	<b>Awarded Amount (HK\$)</b>
Dr J Chen	Chinese Medicine	The Novel Oral Administration Isoliquiritigenin-Protein/Zein Nanodrug Targeting for Triple-Negative Breast Cancer Treatment	4,699,314.00

**2019**

<b>Principal Applicant</b>	<b>Department/School/Centre</b>	<b>Project Title</b>	<b>Awarded Amount (HK\$)</b>
Professor SCW Tang	Medicine	Low-Cost Highly Sensitive Glucose Sensors for Noninvasive Glucose Detection	734,999.50

**2018**

<b>Principal Applicant</b>	<b>Department/School/Centre</b>	<b>Project Title</b>	<b>Awarded Amount (HK\$)</b>
Professor PCY Woo	Microbiology	Diagnosing Fungal Infections By Artificial Intelligence	3,499,997.40
Dr VYL Leung	Orthopaedics and Traumatology	Target Identification of a Novel Small Molecule Capable of Modifying Intervertebral Disc Degeneration	2,675,088.60

**2017**

<b>Principal Applicant</b>	<b>Department/School/Centre</b>	<b>Project Title</b>	<b>Awarded Amount (HK\$)</b>
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	784,402.00
Dr KH Yiu	Medicine	Development Of A Novel Cardiac Imaging Technique To Detect Silent Brain Infarction In The Elderly To Prevent Subsequent Vascular Dementia	4,166,780.80
Dr K Chiu	Ophthalmology	Development of Wolfberry as Herbal Medicine to Modulate Systemic Inflammation and Neuroinflammation for Alzheimer's Disease	4,500,000.00