

THE UNIVERSITY OF HONG KONG  
LI KA SHING FACULTY OF MEDICINE

ITF - Guangdong-Hong Kong Technology Cooperation Funding Scheme (TCFS)

**2019**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Professor BMY Cheung	Medicine	Shenzhen-Hong Kong United Network on Cardiovascular Disease (SHUN-CVD)	4,136,901
Professor HF Tse	Medicine	Manufacture of Hepatocytes from Induced Pluripotent Stem Cells	1,076,023
Dr Y Hu	Orthopaedics and Traumatology	Wearable Intelligent Control Of Multifunctional Robotic Hand And Its Clinical Application	1,496,208
Dr RLC Hoo	Pharmacology and Pharmacy	Development and Preclinical Evaluation of a A-FABP Neutralizing Monoclonal Antibody for Ischemic Stroke Treatment	1,477,458

**2018**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Professor HF Tse	Medicine	Generation of a Familial Hypercholesterolemia Human Liver Chimeric Rabbit Model	967,440

**2016**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Professor KWK Yeung	Orthopaedics and Traumatology	Development of Antibacterial Stainless Steel Surgical and Related Instruments and their Clinical Applications	540,000

**2013**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Professor Z Chen	Microbiology	To Establish a Novel and Rapid Phenotypic HIV-1 Drug Resistance Testing System	1,001,930

**2007**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Dr RG Ellis-Behnke	Anatomy	Development of a new frontier in nanomedicine	7,995,720
Professor B Zheng	Microbiology	A novel anti-H5N1 avian influenza virus agent using silver nano-particle	4,000,000
Professor WW Lu	Orthopaedics and Traumatology	Optimization and commercialization of strontium containing bioactive bone cement for various orthopaedic applications	4,769,165

**2006**

<b>Principal Applicant</b>	<b>Department/School/Unit</b>	<b>Project Title</b>	<b>Approved Amount (HK\$)</b>
Professor A Xu	Medicine	Development of a Suspension Antibody Array-based Multiplex Immunoassay for Early Diagnosis and Therapeutic Monitoring of Diabetes and Cardiovascular Diseases	2,899,045
Professor G Lau * Project Co-A	Medicine	Modernization of Chinese Medicine: From Clinical Efficacy to Drug Production – Two Innovative Formulae for Comprehensive Research	2,080,000
Professor KMC Cheung	Orthopaedics and Traumatology	Optimization and commercialization of novel metallic materials for orthopaedic use	7,679,412