

List of approved projects for the HMRF (2016-17)
(Updated as at 31 Mar 17)

Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
Research Fellowship Scheme				
01150027	Emergency endovascular thrombectomy for acute ischemic stroke Patients in Hong Kong: a randomized controlled trial and prospective cohort study	Dr Anderson TSANG Chun-on	The University of Hong Kong	1,129,905.00
01150037	The causal role of adiponectin and triglycerides in ischemic heart diseases using a separate sample Mendelian randomization analysis from publicly available data	Dr Ryan AU-YEUNG Shiu-lun	The University of Hong Kong	751,100.00
01150057	Targeted Delivery of microRNAs by Nanoparticles as a Novel Therapeutic Strategy in the Treatment of Atherosclerosis in Diabetes and Obesity	Dr TIAN Xiaoyu	The Chinese University of Hong Kong	1,018,032.00
01150077	Smoking reduction intervention for smoking parents of paediatric patients in Hong Kong: a randomised controlled trial	Dr Kate CHAN Ching-ching	The Chinese University of Hong Kong	1,198,144.00
01150087	Photoacoustic molecular imaging of osteoarthritic pain – a proof-of-concept study	Dr WEN Chunyi	The Hong Kong Polytechnic University	755,898.20

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Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
Investigator-initiated Research Projects				
04150076	TNF- α -Mediated Mechanism and Treatment of Hearing Loss-induced Tinnitus	Dr YANG Sungchil	City University of Hong Kong	1,093,000.00
04150266	Interleukin-1 receptor associated kinase 1 (IRAK1) is a target that drives liver tumor initiating cells and sorafenib resistance in hepatocellular carcinoma	Dr Terence LEE Kin-wah	The Hong Kong Polytechnic University	1,192,000.00
04150406	CCCTC-binding factor (CTCF) in hepatocellular carcinoma: functional characterization of its role in tumorigenesis and its potential in targeted therapy.	Dr KO Chi-bun	The Hong Kong Polytechnic University	799,000.00
04150476	Data transformation for meta-analysis with application to evidence-based medicine	Dr TONG Tiejun	Hong Kong Baptist University	376,960.00
04150606	Clinical application of pleural fluid fatty acid synthase and pleural fluid total free fatty acids as cancer biomarkers in malignant pleural effusions	Prof LAM Ching-wan	The University of Hong Kong	98,000.00
04150716	A randomized, open-label, parallel-group study to explore the efficacy of high-intensity focused ultrasound (HIFU) versus fixed-dose radioiodine-131 in the treatment of relapsed Graves' disease	Dr LANG Brian	The University of Hong Kong	882,020.00
04150726	Optimizing the selection of patients with metastatic colorectal cancer for liver resection – An immuno-clinical scoring system incorporating circulating tumor cell enumeration and clinical factors.	Dr LAM Ka-on	The University of Hong Kong	946,064.00

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04150746	Lutein and candesartan co-treatment delays the progression of non-proliferative diabetic retinopathy in the diabetic Ins2Akita mouse model	Dr Amy LO Cheuk-yin	The University of Hong Kong	895,020.00
04150776	Characterization of a novel tumor suppressive long non-coding RNA linc-ALDH1A2-1 in hepatocellular carcinoma	Dr Felice TSANG Hoching	The University of Hong Kong	1,199,956.00
04150826	Characterization of the effect of Maelstrom in cancer stemness in hepatocellular carcinoma	Prof GUAN Xin-yuan	The University of Hong Kong	1,200,000.00
04150856	Therapeutic potential of targeting CDK7-dependent and super-enhancer associated oncogene addiction in liver cancer	Dr WONG Chun-ming	The University of Hong Kong	962,856.00
04151086	Investigating the pathogenic mechanisms underlying ocular and generalized myasthenia gravis using Xenopus cell-based assay	Dr LEE Chi-wai	The University of Hong Kong	1,199,856.00
04151146	Establishment and applications of organoid cultures from primary hepatic carcinomas - a pilot study	Dr ZHOU Lei	The University of Hong Kong	99,950.00
04151186	Role of ASNS in the development of HCC via modulating cancer stemness properties	Dr WONG Tin-lok	The University of Hong Kong	97,000.00

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Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
04151216	Investigating the impact of periodontitis on neuroinflammation, neuropathology and neurodegeneration in Alzheimer's disease	Dr Raymond CHANG Chuen-chung	The University of Hong Kong	1,200,000.00
04151266	Combination of dendritic cell-based vaccination and immune checkpoint blockade for malignant mesothelioma immunotherapy	Dr TAN Zhiwu	The University of Hong Kong	1,180,856.00
04151366	Use of whole genome sequencing to unveil new mechanisms of germline DNA mismatch repair gene alterations in Lynch Syndrome patients	Dr Helen YAN Hoi-ning	The University of Hong Kong	1,196,192.00
04151416	Massively parallel discovery of combination therapies for polyglutamine diseases	Dr WONG Siu-lun	The University of Hong Kong	1,199,936.00
04151436	Is DNA damage in oligodendrocyte the common cause of early myelin loss in the aging brain? – A pilot study	Dr TSE Kai-hei	The Hong Kong University of Science and Technology	100,000.00
04151546	Prediction of the live birth rate of in vitro fertilization using a novel human embryonic stem cells derived trophoblastic spheroid implantation model	Dr Cherie LEE Yin-lau	The University of Hong Kong	1,007,129.00
04151726	Preclinical evaluation of therapeutic use of a selective cdk4/6 inhibitor (PD-0332991) in nasopharyngeal carcinoma (NPC).	Prof George TSAO Sai-wah	The University of Hong Kong	1,199,944.00

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04151756	Adipocyte MDM2 as a key determinant of metabolic homeostasis.	Dr CHENG King-yip	The Hong Kong Polytechnic University	1,199,856.00
04151796	Selective overexpression of SIRT1 in adipose tissue protects adiponectin deficiency induced liver injury	Dr XU Cheng	The University of Hong Kong	959,608.00
04151816	Rap1 exacerbates myocardial ischemia/reperfusion injury through enhancing cell apoptosis and inflammatory response	Dr CAI Yin	The University of Hong Kong	1,185,856.00
04151826	Hyperpolarization-activated cyclic nucleotide-gated channel 3 (HCN3) regulating apoptosis resistance, autophagy and cellular senescence in breast cancer: a novel potential anti-cancer target.	Prof KHOO Ui-soon	The University of Hong Kong	1,174,577.00
04151846	Deep Expression and Functional Proteomics of Erythroid Cell Differentiation: A Molecular Resource for Understanding Red Cell Biology, Iron Metabolism and Related Diseases	Dr LOK Chun-nam	The University of Hong Kong	1,191,910.00
04151876	The function of CD271 in the development of stem-like cell phenotype in nasopharyngeal carcinoma	Dr Jimmy CHAN Yu-wai	The University of Hong Kong	1,197,100.00
04151886	A study of the regulation of TAX1 binding protein 2 by p21-activated protein kinase 4 in liver cancer metastasis	Dr Wilson CHING Yick-pang	The University of Hong Kong	1,059,576.00

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Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
04151956	Identification and Evaluation of a Reliable, Non-invasive Diagnostic Method Using blood microRNA expression to diagnose High-Risk Colorectal Cancer Candidates	Prof LAW Wai-lun	The University of Hong Kong	1,169,416.00
04151966	Identification and functional characterization of Hirschsprung disease susceptibility genes on chromosome 21	Dr Clara TANG Sze-man	The University of Hong Kong	332,537.00
04152176	MicroRNA and its link to osteogenic activities of Osteoblast in Adolescent Idiopathic Scoliosis	Prof Jack CHENG Chun-yiu	The Chinese University of Hong Kong	1,015,792.00
04152186	Prospective evaluation of the impact of Drug-Coated Balloon in the management of true coronary bifurcation disease	Dr CHAN Michael Pak-hei	The University of Hong Kong	1,121,520.00
04152266	Induction of cancer cell apoptosis by integrin endocytosis	Dr YU Cheng-han	The University of Hong Kong	100,000.00
04152326	Targeting DNA damage and repair mechanism in FLT3-ITD acute myeloid leukaemia (AML) - a mechanistic and therapeutic study	Prof Anskar LEUNG Yu-hung	The University of Hong Kong	1,200,000.00
04152336	A comprehensive study on the effects of antioxidant supplements in liver cancer development and treatment	Prof Irene NG Oi-lin	The University of Hong Kong	1,199,900.00

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Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
04152356	The use of Over-the-scope-clip (OTSC) versus standard therapy for the prevention of rebleeding in high risk peptic ulcers: a randomised controlled trial.	Dr Shannon Melissa CHAN	Prince of Wales Hospital	917,728.00
04152366	Deciphering the molecular mechanism of signal transducing adaptor family member 1 (STAP1) in the regulation of hepatic cholesterol metabolism	Dr ZHONG Ling	The University of Hong Kong	1,059,856.00
04152426	Effect of Weight Loss and CPAP on OSA and metabolic profile stratified by Craniofacial Phenotype	Dr Susanna NG So-shan	Prince of Wales Hospital	1,139,001.00
04152496	Meta-Linguistic vs. Working-Memory Training in Chinese Dyslexic Children: Behavioural and Neural Evaluation	Prof Urs MAURER	The Chinese University of Hong Kong	1,147,032.00
04152566	Driving vascular regeneration against diabetic endothelial dysfunction with immune intervention.	Prof Kathy LUI Oi-lan	The Chinese University of Hong Kong	1,198,752.00
04152586	Precision Diagnosis of Intracranial Atherosclerosis by Using High resolution MRI: Plaque Morphology and/or Components rather than Arterial Stenosis Predict Stroke Recurrence	Prof Fiona CHEN Xiangyan	The Chinese University of Hong Kong	805,020.00
04152616	Effect of RANKL inhibition on healing of bone erosion in rheumatoid arthritis using HR-pQCT	Prof TAM Lai-shan	The Chinese University of Hong Kong	1,199,634.00

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04152646	Transcriptome NGS analysis of ovary granulosa cells of PCOS: a new insight into the causes and potential therapeutic targets	Prof TANG Tao	The Chinese University of Hong Kong	696,248.00
04152656	A randomized control trial comparing electrocoagulation and gelatine-thrombin matrix sealant (FloSeal©) for haemostasis on ovarian reserve after laparoscopic surgery of ovarian endometriomas	Prof Jacqueline CHUNG Pui-wah	The Chinese University of Hong Kong	623,870.00
04152666	Whole genome sequencing analysis of genetically undiagnosed euploid fetuses with increased nuchal translucency	Prof Richard CHOY Kwong-wai	The Chinese University of Hong Kong	1,059,260.00
04152766	Partially covered versus uncovered pyloro-duodenal stents for unresectable malignant gastric outlet obstruction. A double blinded randomised controlled trial.	Prof Anthony TEOH Yuen-bun	The Chinese University of Hong Kong	579,412.00
04152786	A study to compare the endometrial features of women who did and did not benefit from endometrial scratch in the cycle preceding frozen embryo transfer	Prof LI Tin-chiu	The Chinese University of Hong Kong	861,912.00
04152826	A randomized controlled clinical trial comparing subthreshold micropulse yellow (577 nm) laser versus half-dose photodynamic therapy for central serous chorioretinopathy	Prof Mårten Erik BRELÉN	The Chinese University of Hong Kong	1,183,660.00
04152836	Multifunctional nanocarrier for the delivery of therapeutic siRNA and real time molecular imaging of Parkinson's disease biomarkers	Prof BIAN Liming	The Chinese University of Hong Kong	1,197,376.00

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Ref. No.	Project Title	Principal Applicant	Administering Institution	Approved Amount (HK\$)
04152896	Using Radiation-free Ultrasound for Screening Scoliosis Among School Children in Hong Kong to Reduce Unnecessary X-ray Exposure	Prof LAM Tsz-ping	The Chinese University of Hong Kong	894,129.00
04153006	Endoscopic submucosal dissection (ESD) versus transanal minimally invasive surgery (TAMIS) for early rectal neoplasms: a prospective randomized controlled trial	Prof Simon NG Siu-man	The Chinese University of Hong Kong	1,042,648.00
04153036	Striatal dopamine transmission in individuals with isolated rapid eye movement sleep without atonia: a search for precursor biomarker for neurodegeneration	Prof WING Yun-kwok	The Chinese University of Hong Kong	1,199,216.00
04153116	Adaptation and validation of the Cantonese Sydney Language Battery for assessment of language deficits in patients with primary progressive aphasia in Hong Kong	Prof Adrian WONG	The Chinese University of Hong Kong	320,396.00
04153276	Novel lipid-lowering-independent benefits of statins against vascular dysfunction in metabolic syndrome	Prof HUANG Yu	The Chinese University of Hong Kong	1,199,176.00
04153366	Sox9 control of neuromesodermal progenitors	Prof Kathryn CHEAH Song-Eng	The University of Hong Kong	1,200,000.00
04153446	Targeting endoplasmic reticulum stress in obstructive sleep apnea-aggravated neurocognitive decline in Alzheimer's disease	Prof YUNG Wing-ho	The Chinese University of Hong Kong	1,186,736.00

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04153506	Novel Retinal Imaging Biomarkers for Cognitive Decline	Prof Carol CHEUNG Yim-lui	The Chinese University of Hong Kong	1,190,482.00
04153526	Aberrant spindle assembly checkpoint, chromosomal instability and liver cancer	Dr Ken MA Hoi-tang	The Hong Kong University of Science and Technology	979,000.00
04153586	Role of the Dragon (RGMB)-netrin receptor pathways in colorectal cancer growth	Prof XIA Yin	The Chinese University of Hong Kong	1,197,964.00
14150171	Effectiveness of interactive computer play on trunk control and gross motor function in children with cerebral palsy: a pilot randomized controlled trial	Dr Tamis PIN Wai-mun	The Hong Kong Polytechnic University	283,665.00
14150211	Impact of excessively illuminated and glare environment on visual and balance performance during navigation of the visually impaired	Dr CHEONG Ming-yan	The Hong Kong Polytechnic University	1,159,340.00
14150411	A pilot study to determine the gut microbiota of Hong Kong infants fed with breast-milk and infant formula	Dr WONG Man-sau	The Hong Kong Polytechnic University	100,000.00
14150431	Intervention Efficacy of Assistive Listening Devices for Chinese Children with Dyslexia – a Randomized Controlled Trial	Dr Anna KAM Chi-shan	The Education University of Hong Kong	1,150,986.00

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14150471	Use of ephemeranthoquinone, a naturally occurring phenanthraquinone, in the treatment of pancreatic fibrosis in chronic pancreatitis	Dr TSANG Siu-wai	Hong Kong Baptist University	779,700.00
14150521	Application of polysaccharide as chemical marker in quality control of saccharide-dominant Chinese medicines: Cordyceps sinensis, a case study	Dr HAN Quan-bin	Hong Kong Baptist University	1,200,000.00
14150561	Design and development of BRD4 inhibitors for the treatment of BRD4-related cancers	Dr MA Dik-Lung	Hong Kong Baptist University	1,200,000.00
14150571	Elucidating the involvement of IL-17-IL-6-STAT3 axis in the anti-melanoma effects of a herbal formula comprising Flos Sophorae and Flos Lonicerae	Dr YU Zhiling	Hong Kong Baptist University	827,480.00
14150781	Adipocyte fatty acid binding protein as a novel marker of the development of sight threatening diabetic retinopathy	Dr Paul LEE Chi-ho	The University of Hong Kong	770,856.00
14150791	Diabetes mellitus and liver fibrosis regression in nucleoside analogue-treated chronic hepatitis B: a prospective matched case-control evaluation using multiparametric magnetic resonance imaging and transient elastography	Dr Walter SETO Wai-kay	The University of Hong Kong	1,197,528.00
14150801	Noise sensitivity and non-restorative sleep in Chinese adults	Dr Daniel FONG Yee-tak	The University of Hong Kong	1,200,000.00

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14150811	Investigation on the anti-Parkinson's Disease Activity of BIGWISE - a Tianma Gouteng Yin-Derived Molecular Formulation	Prof LI Min	Hong Kong Baptist University	1,119,920.00
14150931	Exploring effects of Astragaloside IV, an active component of Astragalus, as an adjunct therapy with radiation therapy and/or chemotherapy to promote haematopoiesis in cancer treatment	Dr DENG Ruixia	The University of Hong Kong	1,080,856.00
14151111	Effectiveness of a smartphone app in promoting zero time exercise and fitness in patients with coronary heart disease: a pilot randomized controlled trial	Dr CHAN Po-tai	The University of Hong Kong	100,000.00
14151181	10-year risk prediction models of complications and mortality of diabetes mellitus in Chinese patients in primary care in Hong Kong	Prof Cindy LAM Lo-kuen	The University of Hong Kong	1,200,000.00
14151201	The genetic toxicology of PM2.5 exposure: A chemical approach to evaluate the impact of air pollution on human health	Prof CHAN Wan	The Hong Kong University of Science and Technology	960,000.00
14151281	Retinal microglia as a therapeutic target of the traditional Chinese medicine Lycium barbarum in Alzheimer's disease-related vision loss	Dr CHIU Kin	The University of Hong Kong	1,098,256.00
14151301	Building a theory-driven smartphone application for monitoring and promoting orthopaedic patients' motivation and adherence to medical regimen in Hong Kong: a pilot randomised controlled trial	Dr Derwin CHAN King-chung	The University of Hong Kong	99,840.00

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14151571	In-depth exploration of a bidirectional parent-child health relationship and its mediating and moderating factors among low-income families in Hong Kong	Dr Esther YU Yee-tak	The University of Hong Kong	1,200,000.00
14151701	Use of in-vivo dopaminergic activity to predict relapse after medication discontinuation in schizophrenia	Dr Christy HUI Lai-ming	The University of Hong Kong	1,178,816.00
14151731	Efficacy, safety and response predictors of adjuvant Astragalus therapy for diabetic kidney disease – an open-label randomised controlled trial with responder regression analysis	Prof Sydney TANG Chi-wai	The University of Hong Kong	1,199,954.00
14151741	The impact of climate change on elderly suicide deaths in Hong Kong and implications to suicide prevention	Dr CHAU Pui-hing	The University of Hong Kong	99,729.00
14151771	Striking a balance between cost, effectiveness and efficiency of emergency departments in Hong Kong: An integrated approach of data analytics, simulation, and system optimization	Prof KUO Yong-hong	The Chinese University of Hong Kong	762,920.00
14151791	Study of target-based Chinese herbal medicine in suppression of aberrant cryptic foci: implication of colon cancer prevention	Dr SZE Cho-wing	The University of Hong Kong	584,298.00
14151841	Development of an explanatory model to explore the cervical cancer screening behaviour of ethnic minority women	Ms Dorothy CHAN Ngo-sheung	The Chinese University of Hong Kong	100,000.00

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14151961	Efficacy and economic evaluation of Internet-based cognitive behavioural therapy as treatment for anxiety and depression: A randomised controlled trial	Prof Winnie MAK Wing-sze	The Chinese University of Hong Kong	1,199,906.00
14151971	How can we allocate the screening interval for diabetic retinopathy in Hong Kong: towards a personalized approach	Dr Tina LIAN Jinxiao	The Hong Kong Polytechnic University	967,600.00
14152071	Predicting the probability of return to work after injury in Hong Kong: prospective multicentre cohort study	Prof Colin GRAHAM	The Chinese University of Hong Kong	1,056,857.00
14152111	Impact of pill-splitting training on drug physiochemical properties and clinical outcomes in elderly cardiac population: A crossover cohort study	Prof Vivian LEE Wing-yan	The Chinese University of Hong Kong	100,000.00
14152141	Relationship between skin rash and clinical outcomes in advanced pancreatic cancer treated with gemcitabine plus erlotinib: a systematic review and meta-analysis	Dr YANG Zuyao	The Chinese University of Hong Kong	431,260.00
14152251	Eating behaviours, diet quality and gastrointestinal symptoms in children with autism spectrum disorders and typically developing children: a case-control study	Prof Ruth CHAN Suk-mei	The Chinese University of Hong Kong	734,485.00
14152291	An observational study to evaluate integrative medicine in managing fatigue and cognitive deficits associated with multiple sclerosis and neuromyelitis optica	Prof Alexander LAU Yuk-lun	The Chinese University of Hong Kong	1,153,159.00

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14152301	The development and validation of a language screening test for preschool children in Hong Kong – an extension of the newly validated tool in Macau	Prof Kathy LEE Yuet-sheung	The Chinese University of Hong Kong	894,306.00
14152321	Treatment of Diabetic Nephropathy by Targeting TGF- β /Smad Signalling with the Combination of Asiatic Acid and Naringenin	Prof LAN Hui-yao	The Chinese University of Hong Kong	1,200,000.00
14152371	Effects of home exercise intervention and compliance on bone density, muscle functions, quality of life, and curve progression in girls with adolescent idiopathic scoliosis: A pilot study	Dr Elisa TAM Man-shan	The Chinese University of Hong Kong	98,600.00
14152621	The cost-effectiveness and effects of a music-paced physical activity intervention on clinical outcomes and physical activity maintenance of post-cardiac rehabilitation patients with coronary heart disease	Prof CHAIR Sek-ying	The Chinese University of Hong Kong	888,890.00
14152631	Effects of a structured advance care planning guide among patients with advanced illness in hospital care settings: a stepped-wedge cluster randomised controlled trial	Dr Helen CHAN Yue-lai	The Chinese University of Hong Kong	803,024.00
14152711	Long Term Effectiveness of Elderly Health Care Voucher Scheme Strategies: A System Dynamics Simulation Analysis	Prof Marc CHONG Ka-Chun	The Chinese University of Hong Kong	351,516.00
14152861	Quantification of breast milk trans fatty acids and trans fat intake by Hong Kong lactating women	Prof CHEN Zhen-yu	The Chinese University of Hong Kong	813,385.00

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14153051	A mixed methodology study on climate, health and environmental-friendly behavioural co-benefits in Hong Kong	Prof Emily CHAN Ying-yang	The Chinese University of Hong Kong	684,312.00
14153141	Identifying priority research questions for addressing unmet cancer palliative care needs using Chinese medicine with a systematic approach	Dr WU Xin-yin	The Chinese University of Hong Kong	99,996.00
14153311	EGFR mutation testing in blood for guiding EGFR tyrosine kinase inhibitor treatment in patients with non-small cell lung cancer: A systematic review and cost-effectiveness analysis	Prof MAO Chen	The Chinese University of Hong Kong	482,560.00
14153321	A clustered randomized controlled trial to test the effectiveness of a theory-based and setting-based intervention in promoting strength training among older adults in Hong Kong	Prof Phoenix MO Kit-han	The Chinese University of Hong Kong	1,197,944.00
16150072	Rapid and comprehensive prediction of first and second-line drug resistance in Mycobacterium tuberculosis directly from respiratory specimens using massive parallel targeted sequencing: A prospective study	Dr SIU Kit-hang	The Hong Kong Polytechnic University	806,535.00
16150322	The enablers and barriers of the public to comply with infection control measures for influenza pandemic in Hong Kong	Prof LAM Tai-pong	The University of Hong Kong	813,941.00
16150342	Roles of the chromatin architectural protein CTCF in hepatitis B virus transcription	Dr KONG Ka-yiu	The University of Hong Kong	990,856.00

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16150422	Virus-like particle (VLP)-based mucosal vaccine for inducing cross-serotype immunity against Streptococcus pneumoniae infection	Dr YU Bin	The University of Hong Kong	1,191,064.00
16150442	Novel human neutralizing antibodies against HIV/AIDS	Prof CHEN Zhiwei	The University of Hong Kong	1,199,856.00
16150472	Reactivation of Epstein-Barr virus (EBV) lytic cycle in EBV-associated epithelial malignancies by iron chelators and evaluation of its therapeutic potential	Dr Alan CHIANG Kwok-shing	The University of Hong Kong	1,196,944.00
16150572	Investigating the role of caspase-6 in the replication of the Middle East respiratory syndrome coronavirus.	Dr CHU Hin	The University of Hong Kong	1,195,856.00
16150592	Targeting lipid droplet metabolism as therapeutic intervention during dengue virus infection	Dr Sumana SANYAL	The University of Hong Kong	1,200,000.00
16150632	Potential therapeutic effects of farnesyltransferase inhibitor in severe human influenza disease	Dr HUI Pui-yan	The University of Hong Kong	737,847.00
16150662	Therapeutic potential of regulatory T cells in limiting HIV reservoir in the brain without triggering detrimental neuroinflammation	Dr HUANG Xiuyan	The University of Hong Kong	1,196,064.00

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16150732	Regulation of dengue virus life cycle by KDEL receptor-dependent signaling pathway: a new target to interfere with viral infection and pathogenesis	Prof Roberto BRUZZONE	The University of Hong Kong	1,130,112.00
16150752	Using WhatsApp reminders to improve childhood seasonal influenza vaccination: a randomized control trial to compare the effectiveness of individual-based and social networking-based interventions	Dr LIAO Qiuyan	The University of Hong Kong	618,104.00
16150782	Real-time estimation of the impact of influenza viruses	Dr Jessica WONG Yuen-ting	The University of Hong Kong	312,987.00
16150852	Determinants of seasonal influenza vaccination and preferences for future vaccination programmes among hospital-based healthcare workers in Hong Kong	Prof Benjamin John COWLING	The University of Hong Kong	983,958.00
16150942	The role of vraSR two-component system in methicillin-resistant Staphylococcus aureus skin and soft tissue infections.	Prof Margaret IP	The Chinese University of Hong Kong	795,000.00
16150982	Follicular fluid hepatitis B viral level in female Hepatitis B carriers seeking in-vitro fertilization (IVF) therapy and treatment outcome: a prospective observational study	Dr MAK Sze-man	The Chinese University of Hong Kong	875,479.00
16151002	Preservation of gut barrier function by cathelicidin in severe sepsis	Dr William WU Ka-kei	The Chinese University of Hong Kong	1,199,152.00

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16151032	Economic evaluation of rotavirus vaccine in young Hong Kong children	Prof Edmund Anthony Severn NELSON	The Chinese University of Hong Kong	569,700.00
16151042	Genome-wide study of CpG methylation of EB virus-associated nasal lymphoma identifies disrupted transcription program derived from silencing of tumor suppressor PAX5	Prof TAO Qian	The Chinese University of Hong Kong	1,015,032.00
16151082	The first Hong Kong study to explore prevalence and risk factors for the emergence of antibiotic resistant Mycoplasma genitalium(MG) among sexually transmitted infection(STI) male patients	Prof CHUNG Pui-hong	The Chinese University of Hong Kong	99,800.00
16151172	Activating mucolipin for restoring lysosomal function in the control of Helicobacter pylori colonization	Dr ZHANG Lin	The Chinese University of Hong Kong	1,041,432.00
16151202	Development of a New Class of Photosensitizers, Cationic Boron Dipyrromethenes, for the Photodynamic Therapy on Methicillin-Resistant Staphylococcus aureus Infection	Prof FUNG Kwok-pui	The Chinese University of Hong Kong	1,193,998.00
16151212	Effects of microRNA-17-3p upregulation on vascular inflammation and endothelial dysfunction caused by the human immunodeficiency virus proteins	Dr Susan LEUNG Wai-sum	The University of Hong Kong	1,196,800.00
16151222	Promoting influenza prevention for elderly people in Hong Kong: A Health Action Process Approach	Dr ZHANG Chunqing	Hong Kong Baptist University	729,320.00