

Appendix N: Continued*Biology & Medicine*

	Project No.	Project Title	Principal Investigator	Awarded (HK\$)	Status
503	CUHK 4095/02M	A Prospective Randomized Study of Systemic Chemotherapy Versus Chemoembolization in the Treatment of Localized Non-Resectable Hepatocellular Carcinoma	Prof Thomas Wai Tong Leung	695,420	On-going
504	CUHK 4097/02M	Characterizing Drug Resistance Pattern in Doxorubicin Insensitive Hepatocellular Carcinoma	Prof Nathalie Wong	775,000	On-going
505	CUHK 4098/02M	Genetic and Epigenetic Study of RASSF1A Gene in Hepatocellular Carcinoma	Prof Winnie Yeo	876,000	On-going
506	CUHK 4101/02M	Mr Os (Hong Kong) - The First Cohort Study on Osteoporosis in Chinese Men	Prof Edith Ming Chu Lau	902,000	On-going
507	CUHK 4103/02M	Female Lung Cancer and Cooking Practice - A Case-control Study in Hong Kong	Prof Ignatius Tak Sun Yu	816,000	On-going
508	CUHK 4116/02M	A Randomized Placebo Controlled Trial of Traditional Chinese Medicine in the Treatment of Irritable Bowel Syndrome	Prof Wai Keung Leung	816,000	On-going
509	CUHK 4122/02M	Molecular Biology of Peritoneal Fibrosis and Peritoneal Dialysis Failure - A Study of Transforming Growth Factor Beta and Its Downstream Mediators by a Cell Culture Model	Prof Cheuk Chun Szeto	816,000	On-going
510	CUHK 4124/02M	The Participation of the Cytoskeleton in Insulin Action in Human Skeletal Muscle	Prof Peter Chun Yip Tong	776,000	On-going
511	CUHK 4127/02M	Is Visceral Hyperalgesia the Culprit of Noncardiac Chest Pain in Chinese?	Dr Justin Che Yuen Wu	843,500	On-going
512	CUHK 4133/02M	Identification of Metastasis Related Genes in Ovarian Carcinoma by cDNA Arrays	Prof Tony Kwok Hung Chung	876,000	On-going
513	CUHK 4138/02M	High Density Allelotypes on Chromosome 1 in a Large Set of Microdissected Cervical Neoplasms and Their Clinicopathological Significance	Prof Yick Fu Wong	1,058,900	On-going
514	CUHK 4140/02M	A Randomized, Controlled Trial of Photodynamic Therapy with Verteporfin for Choroidal Neovascularization in Pathologic Myopia in Chinese	Prof Wai Man Chan	816,000	On-going
515	CUHK 4142/02M	TIGR Gene Mutations and Their Association with Primary Open Angle Glaucoma	Prof John Kien Han Chua	816,000	Terminated
516	CUHK 4153/02M	Augmentation of Bone Mineral Acquisition in Osteoporotic Bone by Low-intensity Pulsed Ultrasound - A Study with Osteoporotic Goat Model	Prof Kwok Sui Leung	1,179,000	On-going
517	CUHK 4155/02M	Biophysical Intervention for Enhancing Bone-Tendon Junction Repair during and after Immobilization - An Partial Patellectomy Model in Rabbits	Prof Ling Qin	816,000	On-going
518	CUHK 4161/02M	An Epidemiological Study of Obstructive Sleep Apnoea Syndrome in Hong Kong Chinese Children	Prof Albert Martin Li	1,629,000	On-going
519	CUHK 4163/02M	A Multicentre, Randomised, Double Blind, Controlled Study of Oral Erythromycin for Treatment of Gastrointestinal Dysmotility in Preterm Infants	Prof Pak Cheung Ng	747,800	On-going
520	CUHK 4165/02M	Is the Prevalence of Childhood Asthma Increasing in Chinese Children?	Prof Gary Wing Kin Wong	479,000	On-going
521	CUHK 4166/02M	The Role of Nitric Oxide and Mitogen-Activated Protein Kinase in Mediating the Inhibition by b3-Adrenoceptor Activation of Voltage-Dependent L-type Calcium Channels of Guinea-pig Single Ventricular Myocytes	Prof Yiu Wa Kwan	1,262,000	On-going

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522	CUHK 4169/02M	Protection against neuronal apoptosis by the cGMP/protein kinase G pathway: Protein phosphorylation and quantitation of DNA fragmentation using novel ultrasensitive CE-LIF technology	Prof Ronald Ray Fiscus	876,000	On-going
523	CUHK 4170/02M	Mechanisms of Vasorelaxation Induced by the Novel Ca ²⁺ Channel Blocker Cilnidipine and Metabolites of Cytochrome P450 in Coronary Vasculature	Prof Yu Huang	1,056,000	On-going
524	CUHK 4171/02M	Stimulatory Effect of Scutellariae Radix (Huangqin) and Its Major Flavonoids on Electrolyte Transport in Rat and Human Colonic Epithelia	Prof Wing Hung Ko	770,000	On-going
525	CUHK 4174/02M	Functional Roles of Trp (Transient Receptor Potential) Channels in Vascular Endothelial Cells	Prof Xiaoqiang Yao	876,000	On-going
526	CUHK 4175/02M	Subunit Composition, Spatial Distribution and Pharmacological Profiles of GABA-A Receptors in Globus Pallidus Neurons : Correlation with Different Synaptic Inputs	Prof Wing Ho Yung	816,000	On-going
527	CUHK 4180/02M	A Pharmacokinetic-Genomic Approach for Predicting Herb-Drug Interactions : An Initial Evaluation Using Ginkgo Biloba	Prof Moses Sing Sum Chow	816,000	On-going
528	CUHK 4181/02M	Novel TCM-Platinum Compounds : New Mechanism(s) of Antitumor Action?	Prof Yee Ping Ho	816,000	On-going
529	CUHK 4183/02M	IMASH - Intravenous Magnesium Sulfate in Aneurysmal Subarachnoid Hemorrhage (Does Intravenous Magnesium Sulfate Improve Clinical Outcome?)	Prof Wai Sang Poon	816,000	On-going
530	CUHK 4256/02M	Development of An Animal Model of Shrimp Allergy	Prof Ka Hou Chu	816,000	On-going
531	PolyU 5262/02M	Molecular Characterization of a Novel Esophageal Squamous Cell Carcinoma-Related Gene GAESCC1, and Its Role in Pathogenesis of Esophageal Cancer	Dr Johnny Cheuk On Tang	1,232,083	On-going
532	PolyU 5271/02M	Combination of Extra-Corporeal Shock Wave and Low Intensity Ultrasound Therapy - An Alternative Biophysical Treatment of Fracture Non-Union?	Dr Kevin S C Kwong	770,641	On-going
533	PolyU 5273/02M	Effect of Acoustic Pressure Waves on Callus Innervation and Fracture Healing	Dr Xia Guo	675,442	On-going
534	HKUST 6025/02M	Multivariate fluorescence imaging for detection of early cancer	Dr Jianan Qu	1,419,475	On-going
535	HKU 7236/02M	Molecular characterization of anaerobic Gram-positive non-sporulating rods and its clinical significance	Dr Susanna Kar Pui Lau	557,351	On-going
536	HKU 7269/02M	Mouse models of human leukaemia	Prof Li Chong Chan	876,000	On-going
537	HKU 7270/02M	Formation of gravity-related spatial map in postnatal rats	Prof Ying Shing Chan	1,696,000	On-going
538	HKU 7281/02M	Delineation of the co-regulatory role of cyclooxygenase-2 and 12-lipoxygenase in colorectal cancer: a causal relationship with ulcerative colitis and cigarette smoking	Prof Chi Hin Cho	1,164,000	On-going
539	HKU 7285/02M	Novel strategy to prevent small-for-size graft failure during liver transplantation	Prof Sheung Tat Fan	816,000	On-going
540	HKU 7287/02M	Characterization of roles of a new candidate oncogene eIF-5A2 in cancer development	Dr Xin Yuan Guan	923,545	On-going
541	HKU 7288/02M	Antigen recognition in the duck: diversity of the T cell receptor	Dr David Anthony Higgins	1,696,000	On-going

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542	HKU 7291/02M	Functional conditioning of dendritic cells for DC-based tumor vaccine	Dr Fang Ping Huang	876,000	On-going
543	HKU 7292/02M	Role of PKR and EIF2-alpha in human neurodegeneration and implications for Alzheimer's disease	Prof Jacques Hugon	822,000	Terminated
544	HKU 7294/02M	Functional characterization of a novel liver-enriched transcription factor of the bZIP family	Dr Dong Yan Jin	1,786,000	On-going
545	HKU 7296/02M	Transgenic mice approach to elucidating the role of osmotic response element binding protein (OREBP) in water homeostasis	Dr Chi Bun Ko	816,000	On-going
546	HKU 7305/02M	Mechanism of HIV suppression of cytokine expression: Tat and PKR interactions	Dr Allan Sik Yin Lau	876,000	On-going
547	HKU 7313/02M	High resolution mapping of chromosomal aberrations by cDNA microarray-based comparative genomic hybridisation and their correlation with gene expression profile of gastric adenocarcinoma	Dr Suet Yi Leung	1,278,796	On-going
548	HKU 7317/02M	Hepatitis B virus-specific immune response after liver transplantation for chronic hepatitis B using lamivudine prophylaxis	Prof Chung Mau Lo	1,096,621	On-going
549	HKU 7320/02M	Prevention of endotoxin-mediated liver injury by recombinant integrin subunit (RIS), Anti-CD18 Fv and TW-PS22	Dr John Moon Ching Luk	1,833,736	On-going
550	HKU 7323/02M	Genetic modifiers of beta-thalassaemia phenotype in the Chinese	Dr Edmond Shiu Kwan Ma	646,900	On-going
551	HKU 7329/02M	Dysregulation of NF-kB signaling in liver cancer	Dr Irene Oi Lin Ng	1,444,000	On-going
552	HKU 7335/02M	The application of DNA arrays to characterise the avian influenza gene pool in southern China	Prof Joseph Sriyal Malik Peiris	876,000	On-going
553	HKU 7337/02M	Prospective randomized trial of radiofrequency ablation versus hepatic resection for hepatocellular carcinoma <= 5 cm	Dr Ronnie Tung Ping Poon	1,020,000	On-going
554	HKU 7339/02M	Ultrastructural, histochemical and molecular features of the invasive phase of Candida species	Prof Lakshman Perera Samaranyake	816,000	On-going
555	HKU 7341/02M	Effects of early postnatal feeding on fatty acid metabolism	Dr Hwai Ping Sheng	816,000	On-going
556	HKU 7348/02M	Immune escape mechanisms in EBV-associated nasal T/NK-cell lymphoma: mutations in pro-apoptotic genes	Prof Gopesh Srivastava	528,000	On-going
557	HKU 7349/02M	Sonic hedgehog signalling in chronic allograft rejection	Prof Paul Kwong Hang Tam	1,444,000	On-going
558	HKU 7350/02M	Advanced glycation end products and diabetic complications	Dr Kathryn Choon Beng Tan	995,328	On-going
559	HKU 7355/02M	Could gastro-oesophageal reflux be a cause of continued airway damage in bronchiectasis?	Dr Kenneth Wah Tak Tsang	839,990	On-going
560	HKU 7356/02M	Functional studies of the prevalent LMP1 variant associated with nasopharyngeal carcinoma of Hong Kong	Dr George Sai Wah Tsao	876,000	On-going
561	HKU 7357/02M	Neovascularization of ischemic myocardium by autologous bone marrow cells transplantation	Dr Hung Fat Tse	816,000	On-going
562	HKU 7368/02M	Peroral transduction of hepatocytes for diabetes gene therapy	Dr Ruian Xu	816,000	On-going
563	HKU 7373/02M	The evaluation of the clinical application of hypermethylated promoter DNA as tumor marker for the early detection of residual or recurrent head and neck squamous cell carcinoma	Dr Po Wing Yuen	317,563	On-going
Subject Area Total				68,371,351	
Grand Total				143,685,975	