

FUNDO PARA O DESENVOLVIMENTO DAS CIÊNCIAS E DA TECNOLOGIA

Lista

Em cumprimento do Despacho n.º 54/GM/97, de 26 de Agosto, vem o Fundo para o Desenvolvimento das Ciências e da Tecnologia publicar a lista de apoio financeiro concedido no 2.º trimestre do ano de 2012:

Entidades beneficiárias	O responsável de projecto de apoio financeiro	N.º de projecto de apoio financeiro	Data da autorização	Montante atribuído	Finalidades
Apoio financeiro dos projectos das ciências e da tecnologia					
U, Chi Kong	余志剛 U, Chi Kong	006/2012/A	18/4/2012	\$10,000.00	Centrifugal rotary engine. (application for patent).
		007/2012/A	18/4/2012	\$10,000.00	Centrifugal rotor fan engine (application for patent).
		008/2012/A	18/4/2012	\$10,000.00	The helicopter rotor driven by centrifugal rotor engine (application for patent).
		009/2012/A	18/4/2012	\$9,800.00	The ramjet rotor fan engine (application for patent).
Ng, Soi Cheng	吳水清 Ng, Soi Cheng	024/2012/A	9/5/2012	\$10,407.00	A local three-body air-conditioning water heater system (application for patent).
		025/2012/A	9/5/2012	\$900.00	A machine with three air-conditioning water heater system (patent extension application Macau).
		026/2012/A	9/5/2012	\$5,273.00	A machine with three air-conditioning water heater system (application model patent).
		027/2012/A	18/4/2012	\$10,407.00	Air heat pump water heater tank (application for patent).
		028/2012/A	18/4/2012	\$900.00	Air heat pump water heater tank (patent extension application Macau).
		029/2012/A	18/4/2012	\$5,273.00	Air heat pump water heater tank

					(application of new patents).
		030/2012/A	18/4/2012	\$10,407.00	Air-conditioning water heater system (apply for invention patents in China).
		031/2012/A	18/4/2012	\$900.00	Air-conditioning water heater system (invention patent extension application to Macau).
		032/2012/A	18/4/2012	\$5,273.00	Air-conditioning water heater system (application for the new Chinese patent).
Chan, Weng Fu	陳榮富 Chan, Weng Fu	033/2012/A	9/5/2012	\$11,000.00	Spray tank range hoods (application for patent).
		034/2012/A	9/5/2012	\$9,000.00	Spray tank range hoods (application model patent).
Chan, Ka Yin Victor	陳嘉賢 Chan, Ka Yin Victor	036/2012/A	9/5/2012	\$24,820.00	Remote control apparatus and the related method (application for patent in China and PCT patent).
Motix Limitada	區漢文 Au,Hon Man	083/2011/A	9/5/2012	\$135,500.00	Interactive TV platform with smart TV and mobile devices (1.º payment).
Wong, Chi Lan	黃似蘭 Wong, Chi Lan	028/2009/A	25/5/2012	\$34,333.00	Female self-flushing device (patent application).
Companhia de Produtos Químicos Kwan On, Limitada	陸世安 Lok, Sai On 岑一峰 Sam, Iat Fong	060/2009/A2	4/5/2012	\$375,000.00	The project research & development of producing car fuel to replace petrol by using ditch oil, wasted cooking oil & wasted fat (2.º payment).
Cycon Tecnologia Limitada	林皓賢 Lam, Cyrus Hou Jin	087/2011/ A	9/5/2012	\$153,600.00	Macau food (1.º payment).
Agência Comercial Netcraft (Macau), Limitada	李祥輝 Lei, Cheong Fai 卓漢達 Zhuo Han Kui	092/2011/A	25/5/2012	\$121,400.00	Research on intrusion detection approach based on AI planning (1.º payment).

Associação de Nefrologia de Macau	郭婉儀 Kuok, Un I 匡鼎偉 Kuang Dingwei	093/2011/A	25/5/2012	\$114,000.00	Study on vascular stiffness among dialysis patients in Macau (1.º payment).
Macau Medical Science & Technology Research Association	李華麗 Lei, Wa Lai 羅良平 Luo Liangping	002/2012/A	25/5/2012	\$220,000.00	The research in diagnosis of benign and malignant diseases of breast by combination ultrasound with mammography (1.º payment).
Kiang Wu Hospital Charitable Association	鍾桃娟 Chong, Tou Kun	057/2011/A3	18/4/2012	\$380,300.00	Study of measuring antiplatelet drug effects and treatment strategies in the patients undergoing percutaneous coronary intervention (1.º payment).
	曹麗勤 Cho, Lai Kan	084/2011/A	9/5/2012	\$110,600.00	The effects of epidural analgesia on maternal temperature regulation during labor (1.º payment).
	張曉戰 Zhang, Xiaozhan	014/2010/A	9/5/2012	\$120,000.00	A study to evaluate predictive equations for the impulse oscillometry system of health adults in Macao (2.º payment).
Instituto de Enfermagem Kiang Wu de Macau	歐妙玲 Au, Mio Leng	037/2012/A	8/6/2012	\$13,700.00	Application of patents for invention and patents for utility model of ECG ruler.
Fundação Universidade de Ciência e Tecnologia de Macau — Universidade de Ciência e Tecnologia de	蔡亞從 Tsoi, Ah Chung	034/2011/A2	18/4/2012	\$1,100,240.00	Human action recognition, a machine learning approach (1.º payment).
	白麗萍 Bai, Liping	063/2011/A3	18/4/2012	\$1,511,000.00	GSH-guided isolation of IKK β -modifying epoxides from chinese medicinal herbs and evaluation of their anti-inflammatory activities (1.º payment).

Macau	李婷 Li, Ting	065/2011/A3	18/4/2012	\$1,178,000.00	Studies of the synergistic anti-inflammatory effect and influence on the immune organs between dexamethasone and flavanones derived from Chinese medicinal herbs (1.º payment).
	王靜蓉 Wang, Jingrong	066/2011/A3	18/4/2012	\$1,147,900.00	Investigation on the oxidation metabolism of ginsenosides: identification of the oxygenated metabolites and analysis of the responsible P450 isoforms (1.º payment).
Fundação Universidade de Ciência e Tecnologia de Macau — Universidade de Ciência e Tecnologia de Macau	李曉東 Li, Xiao Dong	067/2011/A	9/5/2012	\$312,000.00	Dual-bridge soft-switched high frequency isolated LLC resonant converter (1.º payment).
	董鐵礦 Dong, Tiekuang	068/2011/A	9/5/2012	\$239,000.00	Theoretical studies on production rate of cosmogenic nuclei in lunar surface, meteorites, and the Earth's atmosphere (1.º payment).
	馬超 Ma, Chao	069/2011/A	9/5/2012	\$207,900.00	Fractal dimension and diophantine approximation over the laurent formal series (1.º payment).
	林偉基 Lam, Wai Kei 楊祥良 Yang Xiangliang	040/2009/A2	25/5/2012	\$800,000.00	A study of the active ingredients of Lei Gong Teng (<i>Tripterygium ilfordii</i> Hook f) and their nano-particle drug carrier for treating chronic nephritis (2.º payment).
	周華 Zhou, Hua	071/2011/A3	9/5/2012	\$1,000,000.00	Development of novel method for quality assessment of Ginseng with correlation analysis between single nucleotide polymorphism and bioactivities (1.º payment).
	羅培 Luo, Pei	073/2011/A3	9/5/2012	\$1,420,000.00	Application of living-cell imaging technique in research of

					cardiomyocyte mitochondrial dynamics and mechanistic study of anti-ischemia heart disease effects of protopanaxatriol-type Ginsenosides (1.º payment).
	梁麗嫻 Leung, Lai Han	074/2011/A3	18/4/2012	\$1,216,000.00	Identification of candidate agents and novel molecular targets for treating gefitinib-resistant non-small cell lung cancer (NSCLC) (1.º payment).
Universidade de Macau	董名垂 Dong, Ming Chui	018/2009/A1	8/6/2012	\$400,000.00	Embedded-link monitoring platform for cardiovascular healthcare (2.º payment).
	趙偉 Zhao, Wei	021/2009/A1	25/5/2012	\$950,000.00	Robust location identification technologies for challenging wireless networking environment (3.º payment).
	陳俊龍 Chen Chun Lung, Philip	008/2010/A1	25/5/2012	\$650,000.00	Novel wireless positioning technology for weak signal condition in assisted global positioning systems (2.º payment).
	李紹平 Li, Shaoping	059/2011/A3	18/4/2012	\$1,424,000.00	Chemical and pharmacological study on a novel fungus from natural Cordyceps Sinensis (1.º payment).
	趙偉 Zhao, Wei	061/2011/A3	18/4/2012	\$1,442,000.00	Theoretical foundations, design methodologies, and supporting technologies for cyber physical networking systems (1.º payment).
Apoio financeiro dos ensinos que promovem a ciências					
Escola Para Filhos e Irmãos dos Operários	鄭偉堅 Cheang, Wai Kin	125/2009/P	2/5/2012	\$11,398.00	Multiple media educational program design and production (2.º payment).
	趙正輝 Chio, Cheng Fai	091/2010/P	2/5/2012	\$8,550.00	Senior 2 physics learning (2.º payment).

	孔憲聰 Hong, Hin Chong	107/2011/P	2/5/2012	\$3,300.00	Primary physics tutorial class (2.º payment).
	孔憲聰 Hong, Hin Chong	007/2012/P	18/4/2012	\$5,400.00	Science research and study class.
Escola Nossa Senhora de Fátima	鄭勛 Cheang, Fan	015/2012/P	23/4/2012	\$83,150.00	Intelligent robot.
Escola Cham Son de Macau	陳國勳 Chan, Kuok Fan	114/2010/P	2/5/2012	\$6,113.00	Flash application development group (2.º payment).
Colégio Perpétuo Socorro Chan Sui Ki	陳少婷 Chan, Sio Teng	017/2012/P	4/5/2012	\$5,830.00	Junior Chemistry club (1.º payment).
Escola Secundária Pui Ching	陳敬濂 Chan, Keng Lim	021/2012/P	16/5/2012	\$13,085.00	The ecological games for elementary school students.
Escola Pui Tou	曹若哲 Cao, Ruozhe	012/2010/P	8/6/2012	\$8,197.00	A study on the impacts of used batteries on goldfish growing development (2.º payment).
	楊德貴 Yang, Degui	020/2012/P	16/5/2012	\$95,270.00	Nautical models for science dissemination education.
Escola dos Moradores de Macau	陳家良 Chan, Ka Leong	026/2012/P	25/5/2012	\$110,058.00	The training of RoboCupJunior 2012.
Sheng Kung Hui Escola Choi Kou (Macau)	胡維政 Wu, Wai Cheng	027/2012/P	20/6/2012	\$7,840.00	Group of Chemical Olympics.
Escola Hou Kong	朱衛國 Chu, Wai Kuok	032/2012/P	29/6/2012	\$14,670.00	DV class practice and progress (1.º payment).

	梁錦華 Leong, Kam Wa	033/2012/P	29/6/2012	\$3,400.00	Learning and designing of simulation robot (1.º payment).
Universidade de Macau	陳俊龍 Chen, Chun Lung Philip	012/2012/P	23/4/2012	\$362,750.00	Robotics and artificial intelligence summer camp 2012.
	陳溢寧 Chan, Iat Neng	013/2012/P	23/4/2012	\$117,000.00	Science promotion annual plan (with) summer science-course interesting study camp (1.º payment).
Fundação Universidade de Ciência e Tecnologia de Macau — Universidade de Ciência e Tecnologia de Macau	梁勇 Liang, Yong	014/2012/P	23/4/2012	\$23,500.00	The 3th Mathematical modeling project in MUST (1.º payment).
	吳其標 Wu, Qibiao	016/2012/P	9/5/2012	\$81,680.00	Adolescent health knowledge and first aid for common accidents or emergencies.
	于麗麗 Yu, Lili	018/2012/P	4/5/2012	\$17,990.00	Health summer camp — Analyze the puzzle of diagnosis disease by tongue and pulse.
	李會敏 Li, Huimin	019/2012/P	9/5/2012	\$38,588.00	Approaching statistics.
	梅苞 Mei, Bao	022/2012/P	25/5/2012	\$77,100.00	Science popularization on astronomy knowledge.
	唐華軍 Tang, Huajun	023/2012/P	25/5/2012	\$62,450.00	RFID technology and 3D-based logistics operations simulation summer camp.
	于麗麗 Yu, Lili	024/2012/P	25/5/2012	\$63,010.00	Healthy summer camp-discovering the human body from structures to functions.
	梅苞 Mei, Bao	028/2012/P	20/6/2012	\$105,000.00	Macau residents scientific literacy survey projects (1.º payment).
Universidade de São José	Whitfield, Richard Charles	011/2009/P	2/5/2012	\$71,457.00	Socrates (2.º payment).
Associação de Farmácia de	黃琮 Wong, King	035/2009/P	8/6/2012	\$10,706.00	Specialist doctor workshop tour (2.º payment).

Medicina Chinesa de Macau	Dailys				
Associação de Ecologia de Macau	馮美姬 Fong, Mei Kei	025/2012/P	25/5/2012	\$56,400.00	“Energy Conservation Week in Macau 2012”Energy saving bicycle promotional activities.
Macau Science and Technology Innovation Education Association	陳油 Chan, Iao	029/2012/P	20/6/2012	\$32,130.00	Bread grabbing robo training.
Escola Hou Kong	-	-	8/6/2012	\$21,600.00	Subsidy for project demonstration during Science & Technology Week 2012.
Escola Hou Kong (Primário)	-	-	8/6/2012	\$47,800.00	
Escola Keang Peng	-	-	8/6/2012	\$38,000.00	
Escola de Aplicação Anexa à Universidade de Macau	-	-	8/6/2012	\$36,780.00	
Escola dos Moradores de Macau	-	-	8/6/2012	\$40,084.00	Subsidy for project demonstration during Science & Technology Week 2012.
	-	-	20/6/2012	\$13,970.00	
Escola Cham Son de Macau	-	-	8/6/2012	\$6,200.00	
Escola Secundária Técnico-Profissional da Associação	-	-	8/6/2012	\$8,800.00	

Geral dos Operários de Macau					
Sheng Kung Hui Escola Choi Kou (Macau)	-	-	8/6/2012	\$14,306.80	
Escola Secundária Pui Ching	-	-	8/6/2012	\$18,370.00	
Instituto Salesiano da Imaculada Conceição	-	-	8/6/2012	\$57,049.00	
Escola Para Filhos e Irmãos dos Operários	-	-	8/6/2012	\$60,200.00	
Escola Pui Tou	-	-	8/6/2012	\$15,060.00	
Escola Kao Yip	-	-	8/6/2012	\$28,360.00	
Rede de Serviços Juvenis Bosco	-	-	8/6/2012	\$47,800.00	
Universidade de Macau	-	-	8/6/2012	\$29,505.00	
Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e	-	-	8/6/2012	\$18,180.00	

Tecnologia de Macau					
Instituto Politécnico de Macau	-	-	8/6/2012	\$14,200.00	
			<i>Total</i>	<i>\$18,923,119.80</i>	

Fundo para o Desenvolvimento das Ciências e da Tecnologia, aos 12 de Julho de 2012.

O Presidente do Conselho de Administração, Tong Chi Kin.

O Membro do Conselho de Administração, Cheang Kun Wai.