

**Theme-based Research Scheme 2016/17 (Sixth Round) Funding Results**

Theme / Project Title	Participating UGC-funded Universities	Funding by the RGC (Inclusive of indirect / on-costs) (HK\$ million)
<b>Theme 1: Promoting Good Health</b>		
Plasma DNA as a Platform Technology for Cancer Detection	CUHK, HKU	40
Understanding Cancer Stemness in Liver Cancer – From Regulation to Translational Applications	CUHK, HKU, HKUST, PolyU	38
Gastric Cancer Genomics and Beyond – Moving from Patient Samples to 3D Organoid Cultures for Integrative Genomics Analysis, Drug Sensitivity Assays, Cell Biological Studies and Animal Models	CUHK, HKBU, HKU	36
<b>Theme 2: Developing a Sustainable Environment</b>		
Diagnosis and Prognosis of Intensifying Eutrophication, Hypoxia and the Ecosystem Consequences around Hong Kong Waters: Coupled Physical-biogeochemical-pollution Studies	CityU, CUHK, HKU, HKUST, PolyU	36
Enhanced Separation and Sludge Refinery for Wastewater Treatment – Solving the Nexus of Pollution Control and Resource Recovery in Mega Cities	HKU, HKUST, PolyU	32
<b>Theme 4: Advancing Emerging Research and Innovations Important to Hong Kong</b>		
A Compact System for Terahertz Imaging and Spectroscopy	CityU, HKU	28
Learning and Assessment for Digital Citizenship	HKU, HKUST	20
<b>Total</b>		<b>230</b>