

Theme-based Research Scheme (TRS) 2022/23 (Twelfth Round)
Funding Results

Theme / Project Title	Participating UGC-funded Universities#	Approved Budget* (HK\$ million)	Funding from the RGC* (HK\$ million)
Theme 1: Promoting Good Health			
Multi-disciplinary Approaches to Tackle the Global Public Health Threat of Hypervirulent and Multidrug-resistant <i>Klebsiella Pneumoniae</i>	CityU, CUHK, HKU, HKUST	43.011	38.710
Delineating and Translating the Mechanistic Determinants to Improve the Clinical Management of Liver Cancer	CUHK, HKU	43.011	38.710
Characterization of Tumor Microenvironment in Nasopharyngeal Carcinoma - <i>exploratory proposal (with one-year budget to yield preliminary results)</i>	HKU	9.678	8.710
Theme 2: Developing a Sustainable Environment			
Towards Carbon Neutrality: Catalysing H ₂ O and CO ₂ to Green Resource Carriers	CityU, CUHK, HKU, HKUST	43.011	38.710
Unravelling the Black Box between Air Pollution and Public Health for Transformative Air Quality Management	CityU, CUHK, HKU, HKUST, PolyU	44.521	38.710
Theme 3: Enhancing Hong Kong's Strategic Position as a Regional and International Business Centre			
SynchroHub: Cyber-Physical Internet for Synchronizing Cross-Border Logistics Hubs in the Greater Bay Area (GBA)	HKU, PolyU	40.301	33.871
Theme 4: Advancing Emerging Research and Innovations Important to Hong Kong			
Institute of Medical Intelligence and XR	CUHK, HKU, HKUST, PolyU	50.607	43.547
ReRACE: ReRAM AI Chips on the Edge	CityU, CUHK, HKU, HKUST	32.258	29.032
Total		306.398	270.000

CityU: City University of Hong Kong
 CUHK: The Chinese University of Hong Kong
 HKU: The University of Hong Kong
 HKUST: The Hong Kong University of Science and Technology
 PolyU: The Hong Kong Polytechnic University

* Inclusive of indirect costs / on-costs. The RGC's funding allocation for the TRS 2022/23 exercise is HK\$270 million. The remaining around HK\$36 million of the approved budget will be matched by the universities concerned.