

Theme-based Research Scheme (TRS) 2023/24 (Thirteenth Round)

Funding Results

Theme / Project Title	Participating UGC-funded Universities#	Approved Budget* (HK\$ million)	Funding from RGC* (HK\$ million)
Proposals with Five-Year Budget			
Theme 1: Understanding Diseases and Disease Prevention			
Single-Cell Multi-Omics Study of Atherosclerotic Vascular Disease: Narrowing the Gap Between Bench and Bedside	CityU, CUHK, HKBU, HKU, HKUST	55.510	49.959
Investigation of the Immunosuppressive Microenvironment in Nasopharyngeal Carcinoma	HKU	62.971	56.674
Theme 2: Developing a Sustainable Environment			
INTACT: Intelligent Tropical-storm-resilient System for Coastal Cities	CityU, CUHK, HKU, HKUST, PolyU	48.293	43.464
Digital Twin-empowered Landslide Emergency Risk Management	CUHK, HKU, HKUST	73.945	62.071
Theme 4: Advancing Emerging Research and Innovations Important to Hong Kong			
High-performance Collaborative Edge Computing Enabling Smart City Applications: Framework and Methodologies	CUHK, HKU, HKUST, PolyU	50.821	43.739
Overcoming Technical Limits of Copper Hybrid Bonding for Advanced Three-Dimensional Integrated Circuits	CityU, CUHK, HKU, HKUST	67.437	59.093
Total (6 projects)		358.977	315.000
Exploratory Proposals with One-Year Budget (to yield preliminary results)			
Theme 1: Understanding Diseases and Disease Prevention			
Dysregulated Host - Gut Microbiota Co-Metabolism in Metabolic Associated Fatty Liver Disease	CUHK, HKBU, HKU, HKUST	-	7.285
Theme 3: Enhancing Hong Kong's Strategic Position as a Regional and International Business Centre			
Strengthening Hong Kong as a Global Financial Center by Enhancing the Overall Regtech Capacity of the Industry	HKUST, PolyU	-	5.624

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and Facilitating the Regulation and Infrastructure Design of CBDC and Digital Assets in Hong Kong			
Theme 4: Advancing Emerging Research and Innovations Important to Hong Kong			
Diamond-based Multi-modal Quantum Sensing of Nanomagnetism	CityU, CUHK, HKU, HKUST	-	7.091
Total (3 projects)		-	20.000

- # CityU: City University of Hong Kong
 CUHK: The Chinese University of Hong Kong
 HKBU: Hong Kong Baptist University
 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 six projects with five-year budget in the TRS 2023/24 is HK\$315 million and the remaining around HK\$44 million of the approved budget will be matched by the universities concerned. For the three exploratory projects, the RGC's funding allocation is \$20 million and the university matching is subject to a revised one-year budget plan to be submitted by the project team which requires approval from the relevant Committee.