Attachment

The list of CUHK-led projects is as follows:

CRF 2022/23 Collaborative Research Project Grant (CRPG) Proposals

Project Coordinator (Department)	Proposal Title	Duration (Months)	Amount Awarded (HK$)
Professor Lai Chi-tim (Cultural and Religious Studies)	Lingnan Culture and the World: Construction and Change in the Cultural Landscape of Cantonese Literati from the late Qing to the Republican era in China (1821-1949)	36	4,070,718
Professor Yung Wing-ho (Biomedical Sciences)	Mechanism of Cognitive Flexibility: from Core Brain Areas to Network Analysis	36	6,580,000
Professor Wang Xin (Surgery)	Multi-modal Deep Learning of Multi-omics Profiles, Radiology and Histopathology Images to Advance Colorectal Cancer Classification for Precision Oncology	36	7,520,000
Professor Liao Wei-hsin (Mechanical and Automation Engineering)	Adaptive 3D Printing: Design, Manufacturing, Modelling and Optimisation	36	7,338,893

CRF 2022/23 Collaborative Research Equipment Grant (CREG) Proposals

Project Coordinator (Department)	Proposal Title	Duration (Months)	Amount Awarded (HK$)
Professor Patrick Wong Chun-man (Linguistics and Modern Languages)	Hyperscanning to Explore the Human Mind in Ensemble	36	8,330,150
Professor Andrew Chan Man-lok (Biomedical Sciences)	Establishment of Spatial Multi-Omics Core Facility	36	2,000,000

CRF 2022/23 Young Collaborative Research Grant (YCRG) Proposals

Project Coordinator (Department)	Proposal Title	Duration (Months)	Amount Awarded (HK$)
Professor Duan Liting (Biomedical Engineering)	Light Protects Vision: Optogenetic Activation of Trk Signaling for Neuroprotection of Retinal Ganglion	36	3,755,333

	Cells in Ocular Diseases		
Professor Ren Wei (Mechanical and Automation Engineering)	Developing Next-generation Mid-infrared Laser Sensors for Greenhouse Gas Monitoring	36	3,946,000
Professor Peter Chiu Ka-fung (Surgery)	Artificial Intelligence (AI)-assisted Risk-based Prostate Cancer Detection: A Synergy of Novel Biomarkers, Advanced Imaging and Robotic-assisted Diagnosis	12*	1,661,542
Professor Lu Xinhui (Physics)	Fundamental-Studies-Guided Growing of High-Quality, Mechanically Stable, Reduced-Dimensional Perovskites for Scalable Flexible Optoelectronic Devices	36	4,169,826

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