

Areas of Excellence (AoE)

HKU's Participation in Funded Projects Coordinated by Other Local Universities				
Round	Project Title	HKU Co-principal investigator(s)/ Co-Investigator(s)/ Collaborator(s)	Indicative Project Time-Frame	Participating UGC-funded institutions*
Twelfth (2024/25)	AI-Powered Surgical Robots	TBC	2025-2029	CUHK , CityU, HKU, PolyU
	Frontier and Human-centric AI and Robotics Technology for Geriatric Care	TBC	2025-2029	HKUST , CUHK, HKU
Eleventh (2023/24)	Advanced Antenna Technology for a Smart World	Professor P.T. Lai (Electrical and Electronic Engineering)	2024-2028	CityU , CUHK, HKU, HKUST , PolyU
	Study of the Regional Earth System for Sustainable Development under Climate Change in the Greater Bay Area	Professor J.J.J. Jiao (Earth Sciences)	2024-2028	CUHK, HKU, HKUST , PolyU
Tenth (2022/2023)	6G: Wireless Access and Connectivity for an Intelligent and Sustainable World	Professor K. Huang (Electrical and Electronic Engineering)	2023-2027	CUHK, HKU, HKUST , PolyU
Ninth (2020/2021)	Meta-optics, Meta-acoustics and Meta-devices	Professor S. Zhang (Physics) Professor X. Zhang (Faculty of Engineering)	2021-2028	HKU, HKUST , PolyU
Eighth (2018/2019)	Centre for Slope Safety	Dr. C.H. Hau (Biological Sciences)	2019-2027	CUHK, HKU, HKUST
	Probing the Fundamental Structure of Matter with High Energy Particle Collisions	Dr. H.C.J. Lee (Physics) Dr. Y. Tu (Physics)	2019-2027	CUHK , HKU, HKUST
Seventh (2016/2017)	Center for Genomic Studies on Plant-Environment Interaction for Sustainable Agriculture and Food Security	Professor M.L. Chye (Biological Sciences) Dr. B.L. Lim (Biological Sciences) Dr. S.M. Yiu (Computer Science)	2017-2025	CUHK , HKBU , HKU, HKUST

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	Cellular Mechanisms of Synaptic Functions and Plasticity in Health and Neurodegenerative Diseases	Professor S.K. Chung (Biomedical Sciences) Dr. K.O. Lai (Biomedical Sciences)	2017-2025	CUHK, HKU, <u>HKUST</u>
Sixth (2013/2014)	Centre for Organelle Biogenesis and Function	Professor M.L. Chye (Biological Sciences)	2014-2021	HKBU, <u>CUHK</u> , HKUST, HKU
Fifth (2009/2010)	Institute of Network Coding	Dr. G. Han (Mathematics)	2010-2017	<u>CUHK</u> , CityU, HKU, HKUST
Fourth (2007/2008)	Centre for Research into Circulating Fetal Nucleic Acids	Professor A.N.Y. Cheung (Pathology) Professor L.M.L. Poon (Public Health)	2008-2015	<u>CUHK</u> , HKU
Second (2001/2002)	Molecular Neuroscience: Basic Research & Drug Discovery	Professor S.K. Chung (Biomedical Sciences) Professor K.F. So (Centre for Genomic Sciences) Dr. P.T. Cheung (Paediatrics and Adolescent Medicine)	2001-2011	<u>HKUST</u> , CUHK, HKBU, HKU
First (1999/2000)	Information Technology	Professor V.O.K. Li (Electrical and Electronic Engineering)	2000-2005	CUHK, <u>HKUST</u> , HKU
	Center for Plant and Agricultural Biotechnology (Previously known as Plant and Fungal Biotechnology)	Professor M.L. Chye (Biological Sciences) Dr. W.K. Yip (Biological Sciences)	2000-2011	<u>CUHK</u> , HKU, HKBU

*The underlined institutions are the co-ordinating institutions for the purpose of grant administration.

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