

Appendix

CUHK awards at the 11th Hong Kong University Student Innovation and Entrepreneurship Competition

Award	Project Name	Name of Participant(s)
Innovation		
Grand Prize	Next Generation Data Center Interconnects with Integrated Neuromorphic Photonic Processor	Wang Benshan, Xiao Qiarong, Xu Tengji, Fan Li, Liu Shaojie
Information Technology		
First Prize	Next Generation Data Center Interconnects with Integrated Neuromorphic Photonic Processor	Wang Benshan, Xiao Qiarong, Xu Tengji, Fan Li, Liu Shaojie
Second Prize	A Deep Learning Based Web Service for Predicting Small Molecules that Target microRNA mRNA Interactions	Xiao Huan, Zhang Yihao
Life Sciences		
First Prize	Fc-engineered CD9 Antibodies for Blood Cancers	Ng Wing-hei
Second Prize	Mitochondria-targeted, Single-atom Nanozymes Accelerate Bone Regeneration by Augmenting Skeletal Stem Cell Energy Metabolism	Wang Yuwen, Zhou Zhilong, Cai Runxuan, Liu Jun, He Songlin
Second Prize	A Wormlike Nucleic Acid Nanostructure for Gene Delivery and Endosomal Escape	Xiao Yu
Third Prize	Coacervates Mediated Delivery System for Cancer Therapy	Xu Zhiyi, Hu Yuke
Third Prize	AI Driven Macrophage-Myofibroblast Transition Intervention for Overcoming Immunotherapy Resistance in Lung Cancer	Huang Shujie, Zhang Qi, Ji Zeyuan, Zhou Jue, Yang Guanqun

Third Prize	VIPS: a Versatile and Integrated Platform for Spatial Omics	Wen Zhenkang, Shan Zhengming, Jin Zheyu
Merit Prize	Aptamer based Therapeutic Strategy Targeting CT domain of Connective Tissue Growth Factor to Counteract Muscle Fibrosis in Duchenne Muscular Dystrophy	Zhang Huarui, Yao Shanshan, Yu Sifan, Ren Meishen, Yang Xin
Mathematics and Physics/Mechanics and Control Systems		
First Prize	Magnetic Countertraction System for Endoscopic Submucosal Dissection in Gastrointestinal Tract	Chan Wai-shing, Duncan Alexander Wong
Second Prize	Adjusting Tissue Puncture Omnidirectionally in Situ with Pneumatic Rotatable Biopsy Mechanism and Hierarchical Airflow Management in Tortuous Luminal Pathways	Lin Botao
Second Prize	Sea-U-Foil: the First Multi-Modal Cross-Domain Marine Vehicle	Zhao Zuoquan, Yan Ruixin, Han Bingxin, Ding Wendi, Guo Zixuan, Wu Zongzhou, Wang Jialiang, Wang Pei
Third Prize	A Cylindrical Halbach-Array-Based Magnetic Actuation System with High Actuation Forces for Various Magnetic Robots	Sun Hongzhe
Third Prize	Save the Small-Scale Crisis in the Milky Way with a Blue Tilted Early Universe Model	Wu Jianhao
Entrepreneurship		
Grand Prize	RiceFort	Law Yuk-yi, Cheuk Kei-shan, Cheng Leong, Lam Lai-ting, Cheung Yat-ming
Social Enterprise/Cultural & Creative Services		

First Prize	RiceFort	Law Yuk-yi, Cheuk Kei-shan, Cheng Leong, Lam Lai-ting, Cheung Yat-ming
Third Prize	ArtInSight	Chung Ho-chun, Lee Pak-nin, Chu Wing-sze
Merit Prize	WriteRight	Wong Tsz-kwan, Yu Chen Xu, Leung Wing-kiu, Liu Yu-ming, Kelly Ho, Fan Lok-wai
Start-up		
Second Prize	Nano Pore Sensing Platform for Single Biomolecule Detection	Pan Tianle, Yang Jianxin, Hu Dehua
Entrepreneurship Proposal		
Second Prize	Pioneering Phage Precision Therapy to Defeat Superbugs	Xie Fuda, Lin Zhiqiang, Feng Tiejun

*CUHK also stood out among all participating institutions for its outstanding performance in the competition, earning the “**Outstanding Organisation Award**”.