

Table S1 Participating sites and ethical approval

Name and location of participating site	Name of ethics committee	Approval number
Harbin Medical University Cancer Hospital, Heilongjiang, China	Institutional Ethics Committee of Harbin Medical University Cancer Hospital	2020-57
Hunan Cancer Hospital, Hunan, China	Medical Ethics Committee of Hunan Cancer Hospital	2021-31
The First Hospital of Jilin University, Jilin, China	Institutional Ethics Committee of The First Hospital of Jilin University	20Y062-003
Queen Mary Hospital, Hong Kong, China	Institutional Review Board of the University of Hong Kong/Hospital Authority Hong Kong West Cluster	UW 19-515
Zhejiang Cancer Hospital, Zhejiang, China	Medical Ethics Committee of Zhejiang Cancer Hospital	IRB-[2021]10
The Affiliated Cancer Hospital of Zhengzhou University, Henan Cancer Hospital, Henan, China	Medical Ethics Committee of Henan Cancer Hospital	2019122507
Taiwan University Hospital, Taiwan, China	Research Ethics Committee A of Taiwan University Hospital	201909065MSA
Xuzhou Central Hospital, Jiangsu, China	Xuzhou Central Hospital Biomedical Research Ethics Committee	XZXY-LY-20201228-2020017
The Second People's Hospital of Neijiang, Sichuan, China	Ethics Committee of Neijiang Second People's Hospital	2020-006-004
The First Affiliated Hospital of Anhui Medical University, Anhui, China	Ethics Committee of The First Affiliated Hospital of Anhui Medical University	PJ2020-12-01(1)
Peking University Cancer Hospital and Institute, Beijing, China	Medical Ethics Committee of Peking University Cancer Hospital and Institute	2020YW08-ZY03
The First Affiliated Hospital of Xiamen University, Fujian, China	Ethics Committee of The First Affiliated Hospital of Xiamen University	XMYY-2020Y018-05
Linyi Cancer Hospital, Shandong, China	Ethics Committee of Linyi Cancer Hospital	XY2009
Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China	Ethics Committee of Ruijin Hospital, Shanghai Jiao Tong University School of Medicine	2020-23-3
The Affiliated Hospital of Qingdao University, Shandong, China	Ethics Committee of The Affiliated Hospital of Qingdao University	QYFYEC 2020-045-02
Jiangsu Provincial People's Hospital, Jiangsu, China	Ethics Committee of Jiangsu Provincial People's Hospital	2020-MD-094.A2
Liaoning Cancer Hospital & Institute, Liaoning, China	Medical Ethics Committee of Liaoning Cancer Hospital	20201157
Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Hubei, China	Medical Ethics Committee of Union Hospital, Tongji Medical College, Huazhong University of Science and Technology	2020-0163-02
Tri-Service General Hospital, Taiwan, China	Institutional Review Board of Tri-Service General Hospital	2-108-01-019
The Affiliated Hospital of Jiangnan University (The Fourth People's Hospital in Wuxi City), Jiangsu, China	Ethics Committee of The Affiliated Hospital of Jiangnan University	2020LL020-02
The First Affiliated Hospital of Xi'an Jiao Tong University, Shaanxi, China	Medical Ethics Committee of The First Affiliated Hospital of Xi'an Jiao Tong University School of Medicine	XJTUIAF2020LSY-38-2
Sun Yat-sen University Cancer Center, Guangdong, China	Medical Ethics Committee of Sun Yat-sen University Cancer Center	A2020-063-03
The First Affiliated Hospital of USTC (Anhui Provincial Hospital), Anhui, China	Clinical Trial Ethics Committee of The First Affiliated Hospital of USTC	2020-467
The First Affiliated Hospital of Zhejiang University, Zhejiang, China	Clinical Trial Ethics Committee of The First Affiliated Hospital of Zhejiang University School of Medicine	2021-24
Huai'an First People's Hospital, Jiangsu, China	Clinical Trial Ethics Committee of Huai'an First People's Hospital	YW-2020-012-05
Hubei Cancer Hospital, Wuhan, China	Ethics Committee of Hubei Cancer Hospital	2021-7
The First Affiliated Hospital of Bengbu Medical College, Anhui, China	Ethics Committee of The First Affiliated Hospital of Bengbu Medical College	2020-017X03
The First Hospital of China Medical University, Liaoning, China	Medical Ethics Committee of The First Hospital of China Medical University	2020YL042
The Fifth Medical Center of Chinese PLA General Hospital, Beijing, China	Ethics Review Group of The Fifth Medical Center of Chinese PLA General Hospital	2020-1-2-1