

**Table S1** Detailed search strategy of the PubMed and CNKI databases

Items	Database	Number of results
(((((((((((((((tumour(Title/Abstract)) OR (Tumor(Title/Abstract))) OR (Neoplasm(Title/Abstract)) OR (Tumors(Title/Abstract)) OR (Neoplasia*(Title/Abstract)) OR (Cancer*(Title/Abstract)) OR (Malignant Neoplasm(Title/Abstract)) OR (Malignancy(Title/Abstract)) OR (Malignancies(Title/Abstract)) OR (Malignant Neoplasms(Title/Abstract)) OR (Neoplasm, Malignant(Title/Abstract)) OR (Neoplasms, Malignant(Title/Abstract)) OR (Benign Neoplasms(Title/Abstract)) OR (Benign Neoplasm(Title/ Abstract)) OR (Neoplasms, Benign(Title/Abstract)) OR (Neoplasm, Benign(Title/Abstract)) AND (((((((((((((((traditional Chinese medicine(Title/Abstract)) OR (Zhong Yi Xue(Title/Abstract)) OR (Chung I Hsueh(Title/Abstract)) OR (Hsueh, Chung I(Title/Abstract)) OR (Chinese Medicine, Traditional(Title/Abstract)) OR (Chinese Traditional Medicine(Title/Abstract)) OR (Traditional Chinese Medicine(Title/Abstract)) OR (Traditional Medicine, Chinese(Title/Abstract)) OR (Traditional Tongue Diagnosis(Title/Abstract)) OR (Tongue Diagnoses, Traditional(Title/Abstract)) OR (Tongue Diagnosis, Traditional(Title/Abstract)) OR (Traditional Tongue Diagnoses(Title/Abstract)) OR (Traditional Tongue Assessment(Title/Abstract)) OR (Tongue Assessment, Traditional(Title/Abstract)) OR (Traditional Tongue Assessments(Title/Abstract))) AND (((immune(Title/Abstract)) OR (Immune Systems(Title/ Abstract)) OR (System, Immune(Title/Abstract)) OR (Systems, Immune(Title/Abstract)))	PubMed	499
(theme=traditional Chinese medicine) AND (theme=tumor) AND (theme=immune)	CNKI	12,532

CNKI, China National Knowledge Infrastructure.