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Position : Professor, Program Director, Supervisor of Ph.D, Physician
Faculty : Faculty of Chinese Medicine, State Key Laboratory of Quality Research in Chinese Medicines, School of Pharmacy, Zhuhai MUST Science and Technology Research Institute, and University Hospital

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Teaching and Research Areas :

Teaching: (*undergraduate*) Diagnostics, Internal Medicine, Physiology, Emergency Medicine, etc.

(*postgraduate*) Advances in Diagnostics, Advances in Internal Medicine, Advances in Integrated Chinese and Western Medicine, etc.

Research: Integrated Chinese and Western Medicine; Evidence-based evaluation and experimental study of the integrative therapies for thoracic diseases & cancers; Antitumor effects and mechanisms of traditional Chinese medicine, Mechanisms of cancer drug resistance, synergies of natural products and western drugs for cancers.

Academic Qualifications

- 2006 Doctor of TCM / Macao University of Science and Technology.
- 2003 Master of Clinical Medicine / Nanjing University of Chinese Medicine.
- 1996 Bachelor of Medicine / Xuzhou Medical College (Xuzhou Medical University).

Work Experience

- 2006 - Present Assistant Professor, Associate Professor, Professor / Faculty of Chinese Medicine, State Key Laboratory of Quality Research in Chinese Medicines, University Hospital, Macau University of Science and Technology
Physician / Internal Medicine Department, University Hospital
- 2018 Macau Tertiary Education Professionals Training – Summer Study Program at University of Coimbra, Portugal
- 2017 Macau Tertiary Education Professionals Training – Summer Study Program at Cambridge University, UK
- 1996 - 2006 Assistant Lecturer, Lecturer, deputy director, director / Department of Internal Medicine, Department of Diagnostics / Nanjing University of Chinese Medicine

Resident, Attending Physician in the Internal Medicine Department of the Affiliated Hospital of Nanjing University of TCM (Jiangsu Provincial Hospital of TCM).

2004 Lecturer (part time) / Faculty of Chinese Medicine, Macau University of Science and Technology

1997 - 1998 Resident / Internal Medicine Department, Gulou Hospital affiliated to Nanjing University.

Representative Publications (*corresponding author; #first author)

Journal Articles (in the last 5 years):

1. Peng Chen[#], **Qibiao Wu[#]**, Yu xiang, Mingming Zhang, Jiao Feng, Shuiping Liu, Ting Duan, Lijuan Zhai, Bingtao Zhai, Wengang Wang, Ruonan Zhang, Liuxi Chen, Bi Chen, Xuemeng Han, Xiaying Chen, Yicong Li, Ying Liu, Xingxing Huang, Ting Pan, Lili Yan, Ting Jin, Wenzheng Zhang, Hong Luo, Xiaohui Chen, Yongqiang Li, Qiuji Li, Guohua Li, Qin Zhang, Lvjjia Zhuo, Zuyi Yang, Huifen Tang, Tian Xie*, Xiaoping Ouyang*, Xinbing Sui*. Eranin, a novel dibenzyl compound in Dendrobium extract, inhibits lung cancer cell growth and migration via calcium/calmodulin-dependent ferroptosis. *Signal Transduction and Targeted Therapy*. 2020, 5:51. (IF: 38.104)
2. **Qibiao Wu***, Elaine Lai Han Leung*. Association of dietary fiber and yogurt consumption with lung cancer risk. *JAMA Oncology*. 2020. doi: 10.1001/jamaoncol.2020.0261. (IF: 33.006)
3. Huang J, Liu D, Wang Y, Liu L, Li J, Yuan J, Jiang Z, Jiang Z, Hsiao WW, Liu H, Khan I, Xie Y, Wu J, Xie Y, Zhang Y, Fu Y, Liao J, Wang W, Lai H, Shi A, Cai J, Luo L, Li R, Yao X, Fan X, **Wu Q**, Liu Z, Yan P, Lu J, Yang M, Wang L, Cao Y*, Wei H*, Leung EL*. Ginseng polysaccharides alter the gut microbiota and kynurenine/tryptophan ratio, potentiating the antitumour effect of anti-programmed cell death 1/programmed cell death ligand 1 (anti-PD-1/PD-L1) immunotherapy. *Gut*. 2021 May 18:gutjnl-2020-321031. (IF: 31.793)
4. Ruonan Zhang, Ting Pan, Yu Xiang, Mingming Zhang, Han Xie, Zimao Liang, Bi Chen, Cong Xu, Jing Wang, Xingxing Huang, Qianru Zhu, Ziming Zhao, Quan Gao, Chengyong Wen, Wencheng Liu, Weirui Ma, Jiao Feng, Xueni Sun, Ting Duan, Elaine Lai-Han Leung, Tian Xie*, **Qibiao Wu***, Xinbing Sui*, Curcumenol triggered ferroptosis in lung cancer cells via lncRNA H19/miR-19b-3p/FTH1 axis. *Bioactive Materials*. 2022, 13: 23-36 (IF: 16.874)
5. Juan Liu[#], Yuxin Zhuang[#], Jianlin Wu, Qiang Wu, Meixian Liu, Yue Zhao, Zhongqiu Liu, Caiyan Wang, Linlin Lu, Yingjiao Meng, Kawai Lei, Xiaojuan Li, **Qibiao Wu**, Elaine Lai-Han Leung, Zhengyang Guo, Liang Liu*, Ting Li*. IKK β mediates homeostatic function in inflammation via competitively phosphorylating AMPK and I κ B α , *Acta Pharmaceutica Sinica B*, 2022, 12(2): 651-664. (IF: 14.903)
6. Jiang ZB, Huang JM, Xie YJ, Zhang YZ, Chang C, Lai HL, Wang W, Yao XJ, Fan XX, **Wu QB**, Xie C, Wang MF*, Leung EL*. Evodiamine suppresses non-small cell lung cancer by elevating CD8⁺ T cells and downregulating the MUC1-C/PD-L1 axis. *J Exp Clin Cancer Res*. 2020 Nov 19;39(1):249. (IF: 12.658)
7. **Qibiao Wu***, Elaine Lai Han Leung*. Commentary on Ge et al. "Insomnia and risk of mortality from all-cause, cardiovascular disease, and cancer: Systematic review and meta-analysis of prospective cohort studies". *Sleep Medicine Reviews*, 2020 Jan 8;50:101257. (IF: 11.401)

8. Jiang ZB[#], Xu C[#], Wang W[#], Zhang YZ, Huang JM, Xie YJ, Wang QQ, Fan XX, Yao XJ, Xie C, Wang XR, Yan PY, Ma YP*, **Wu QB***, Leung EL*. Plumbagin suppresses non-small cell lung cancer progression through downregulating ARF1 and by elevating CD8⁺ T cells. *Pharmacol Res.* 2021 May 6;169:105656. doi: 10.1016/j.phrs.2021.105656. (IF: 10.334)
9. Shengda Luo, Jiahui Xu, Zebo Jiang, Lei Liu, **Qibiao Wu***, Elaine Lai-Han Leung*, Alex Po Leung*. Artificial intelligence-based collaborative filtering method with ensemble learning for personalized lung cancer medicine without genetic sequencing. *Pharmacol Res.* 2020 Jun 23;160:105037. (IF: 10.334)
10. Xuan-Run Wang[#], Ze-Bo Jiang[#], Cong Xu[#], Wei-Yu Meng, Pei Liu, Yi-Zhong Zhang, Chun Xie, Jing-Yi Xu, Ya-Jia Xie, Tu-Liang Liang, Hao-Xin Yan, Xing-Xing Fan, Xiao-Jun Yao*, **Qi-Biao Wu***, Elaine Lai-Han Leung*. Andrographolide suppresses non-small-cell lung cancer progression through induction of autophagy and antitumor immune response, *Pharmacol Res.*, 2022, Available online 31 March 2022, 106198. (IF: 10.334).
11. Ya-Jia Xie[#], Wei-Na Gao[#], **Qi-Biao Wu**, Xiao-Jun Yao, Ze-Bo Jiang, Yu-Wei Wang, Wen-Jun Wang, Wei Li, Shahid Hussain, Liang Liu*, Elaine Lai-Han Leung*, Xing-Xing Fan,*. Chelidonine selectively inhibits the growth of gefitinib-resistant non-small cell lung cancer cells through the EGFR-AMPK pathway. *Pharmacol Res.* 2020;159:104934.(IF: 10.334)
12. Qi Chen, Juan Liu, Yuxin Zhuang, Liping Bai, Qing Yuan, Silin Zheng, Kangsheng Liao, Md. Asaduzzaman Khan, **Qibiao Wu**, Cheng Luo, Liu Liang, Hui Wang*, Ting Li*. Identification of an IKK β inhibitor for inhibition of inflammation in vivo and in vitro. *Pharmacol Res.* 2019 Nov;149:104440. (IF: 10.334)
13. Elaine Lai Han Leung*, **Qibiao Wu***. Concurrent use of herbal products with prescription drugs is a double-edged sword and evidence-based medicine contributes to reshaping the practice, *Pharmacological Research*, 2019. pii: S1043-6618(19)30088-X. (IF: 10.334)
14. Jiang ZB[#], Wang WJ[#], Xu C[#], Xie YJ, Wang XR, Zhang YZ, Huang JM, Huang M, Xie C, Liu P, Fan XX, Ma YP, Yan PY, Liu L, Yao XJ*, **Wu QB***, Lai-Han Leung E*. Luteolin and its derivative apigenin suppress the inducible PD-L1 expression to improve anti-tumor immunity in KRAS-mutant lung cancer. *Cancer Lett.* 2021 May 28;515:36-48. (IF: 9.756)
15. Xingxing Huang, Qianru Zhu, Kun Ke, Weiwei Jin, Qicong Zhu, Ruyi Mei, Ruonan Zhang, Shuxian Yu, Lan Shou, Xueni Sun, Jiao Feng, Ting Duan, Yiping Mou, Tian Xie*, **Qibiao Wu***, Xinbing Sui*. Identification of the Genes associated with sensitivity of 5-Fluorouracil Based Chemotherapy for Colorectal Cancer. *Frontiers in Immunology*, 2022. DOI: 10.3389/fimmu.2022.887048. (IF:8.786)
16. Liao K[#], Su X, Lei K, Liu Z, Lu L, **Wu Q**, Pan H, Huang Q, Zhao Y, Wang M, Cai J, Liu L*, Li T*. Sinomenine protects bone from destruction to ameliorate arthritis via activating p62Thr269/Ser272-Keap1-Nrf2 feedback loop. *Biomed Pharmacother.* 2021 Mar;135:111195. (IF: 7.419)
17. Bao WL[#], **Wu Q[#]**, Hu B, Sun D, Zhao S, Shen X, Cheng H*, Shen W*. Oral Nanoparticles of SNX10-shRNA Plasmids Ameliorate Mouse Colitis. *Int J Nanomedicine.* 2021;16:345-357. (IF: 7.033)
18. Le Shao, Yan She, Sunan Yong, Bowei Chen, Jian Yi, Ya Li, Zhihua Guo*, Qibiao Wu*. An

- evidence-based evaluation of Buyang Huanwu decoction for the treatment of the sequelae of stroke: A PRISMA-compliant systematic review and meta-analysis of randomized controlled trials. *Phytomedicine*. 2022 Jul 3;104:154312. doi: 10.1016/j.phymed.2022.154312. (IF: 6.656)
19. Fang-Yuan Zhang, Run-Ze Li, Cong Xu, Xing-Xing Fan, Jia-Xin Li, Wei-Yu Meng, Xuan-Run Wang, Tu-Liang Liang, Xiao-Xiang Guan, Hu-Dan Pan, Liang Liu, Xiao-Jun Yao, **Qi Biao Wu***, Elaine Lai-Han Leung*. Emodin induces apoptosis and suppresses non-small-cell lung cancer growth via downregulation of sPLA2-IIa, *Phytomedicine*, 2021: 153786. (IF: 6.656)
 20. Liu M, Pu Y, Gu J, He Q, Liu Y, Zeng Y, Li J, Long X, Yang S*, **Wu Q***, Zhou H*. Evaluation of Zhilong Huoxue Tongyu capsule in the treatment of acute cerebral infarction: A systematic review and meta-analysis of randomized controlled trials. *Phytomedicine*. 2021 Jun;86:153566. (IF: 6.656)
 21. Liang TL, Li RZ, Mai CT, Guan XX, Li JX, Wang XR, Ma LR, Zhang FY, Wang J, He F, Pan HD, Zhou H, Yan PY, Fan XX, **Wu QB**, Neher E, Liu L, Xie Y*, Leung EL*, Yao XJ*. A method establishment and comparison of in vivo lung cancer model development platforms for evaluation of tumour metabolism and pharmaceutical efficacy. *Phytomedicine*. 2021 Nov 5:153831. (IF: 6.656)
 22. Xiaoming Huang[#], Jue Wang[#], Wanjun Lin, Na Zhang, Jingjing Du, Ze Long, You Yang, Bowen Zheng, Fangfang Zhong, **Qibiao Wu***, Wenzhe Ma*. Kanglaite injection plus platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A meta-analysis of 27 RCTs, *Phytomedicine*, 67, 2020, 153154, <https://doi.org/10.1016/j.phymed.2019.153154>. (IF: 6.656)
 23. Yuwei Wang, Chunping Tang, Sheng Yao, Huanling Lai, Runze Li, Jiahui Xu, Qianqian Wang, Xing Xing Fan, **Qi Biao Wu**, Elaine Lai Han Leung*, Yang Ye*, Xiaojun Yao*. Discovery of a novel protein kinase C activator from *Croton tiglium* for inhibition of non-small cell lung cancer. *Phytomedicine*. 2019 Dec;65:153100. doi: 10.1016/j.phymed.2019.153100. (IF: 6.656)
 24. Xuewei Wang[#], Zhengtang Liu[#], Xinbing Sui[#], **QibiaoWu***, Jue Wang, Cong Xu. Elemene injection as adjunctive treatment to platinum-based chemotherapy in patients with stage III/IV non-small cell lung cancer: a meta-analysis following the PRISMA guidelines. *Phytomedicine*. 2019 Jun;59:152787. (IF: 6.656)
 25. Chiin Tong[#], Qida He[#], Manin Ho, Zhenghong Zhong, **Qibiao Wu***, Min Chen*. Tuina for enuresis in children: A systematic review and meta-analysis of randomized controlled trials. *Front. Public Health*, 2022. <https://doi.org/10.3389/fpubh.2022.821781>. (IF: 6.461)
 26. **QibiaoWu***, Weixing Shen, Haibo Cheng, Xiqiao Zhou. Long-term macrolides for non-cystic fibrosis bronchiectasis: A systematic review and meta-analysis. *Respirology*, 19: 321–329. doi: 10.1111/resp.12233. (IF: 6.175)
 27. Xinbing Sui[#], Xuemeng Han[#], Peng Chen[#], **Qibiao Wu[#]**, Jiao Feng, Ting Duan, Xiaying Chen, Ting Pan, Lili Yan, Ting Jin, Yu Xiang, Quan Gao, Chengyong Wen, Weirui Ma, Wencheng Liu, Ruonan Zhang, Bi Chen, Mingming Zhang, Zuyi Yang, Na Kong*, Tian Xie*, Xia Ding*. Baicalin induces apoptosis and suppresses the cell cycle progression of lung cancer cells through downregulating Akt/mTOR signaling pathway. *Front. Mol. Biosci*. 2021;7:602282. (IF: 6.113)
 28. Zhang Ruonan, Pan Ting, Xiang Yu, Zhang Mingming, Feng Jiao, Liu Shuiping, Duan Ting, Chen Peng, Zhai Bingtao, Chen Xiaying, Wang Wengang, Chen Bi, Han Xuemeng, Chen Liuxi, Yan Lili,

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29. Chen M, He Q-d, Guo J-j, **Wu Q-B**, Zhang Q, Yau Y-m, Xie Y-f, Guo Z-y, Tong Z-y, Yang Z-b and Xiao L. Electro-Acupuncture Regulates Metabolic Disorders of the Liver and Kidney in Premature Ovarian Failure Mice. *Front. Endocrinol.* 2022, 13:882214. doi: 10.3389/fendo.2022.882214. (IF 6.055)
30. He QD, Zhong ZH, Liu MN, Tong ZY, **Wu QB***, Chen M*. Efficacy and Safety of Acupuncture Vs. Hormone Therapy for Menopausal Syndrome: A Systematic Review and Meta-Analysis. *Am J Chin Med.* 2021 Nov 12:1-20. (IF: 6.005)
31. Liu M, Luo G, Dong L, Mazhar M, Wang L, He W, Liu Y, **Wu Q***, Zhou H*, Yang S*. Network Pharmacology and In Vitro Experimental Verification Reveal the Mechanism of the Hirudin in Suppressing Myocardial Hypertrophy. *Front. Pharmacol.* 2022, 13:914518. doi: 10.3389/fphar.2022.914518. (IF: 5.988)
32. Wang J, Zeng L, Zhang Y, Qi W, Wang Z, Tian L, Zhao D, **Wu Q**, Li X and Wang T. Pharmacological properties, molecular mechanisms and therapeutic potential of ginsenoside Rg3 as an antioxidant and antiinflammatory agent. *Front. Pharmacol.* 2022, 13:975784. doi: 10.3389/fphar.2022.975784 (IF: 5.988)
33. Xiang Y, Chen X, Wang W, Zhai L, Sun X, Feng J, Duan T, Zhang M, Pan T, Yan L, Jin T, Gao Q, Wen C, Ma W, Liu W, Wang D, **Wu Q***, Xie T, Sui X. Natural Product Erianin Inhibits Bladder Cancer Cell Growth by Inducing Ferroptosis via NRF2 Inactivation. *Front Pharmacol.* 2021 Oct 29;12:775506. (IF: 5.988)
34. Wang J#, **Wu QB#**, Ding L, Song SY, Li YX, Shi L, Wang T, Zhao DQ, Wang ZY*, Li XY*. Therapeutic effects and molecular mechanisms of bioactive compounds against respiratory diseases: traditional Chinese medicine theory and high-frequency use. *Front. Pharmacol.* 2021, 12:734450. doi: 10.3389/fphar.2021.734450. (IF: 5.988)
35. Jing Wang, Ying Zhang, Wenxiu Qi, Ziyuan Wang, Lin Tian, Daqing Zhao, **Qibiao Wu***, Xiangyan Li*, Tan Wang*. Pharmacological properties, molecular mechanisms and therapeutic potential of ginsenoside Rg3 as an antioxidant and anti-inflammatory agent. *Front. Pharmacol.* 2022 (in press) DOI: 10.3389/fphar.2022.975784. (IF: 5.988)
36. Li R-Z, Wang X-R, Wang J, Xie C, Wang X-X, Pan H-D, Meng W-Y, Liang T-L, Li J-X, Yan P-Y, **Wu Q-B**, Liu L, Yao X-J and Leung EL-H (2022) The key role of sphingolipid metabolism in cancer: New therapeutic targets, diagnostic and prognostic values, and anti-tumor immunotherapy resistance. *Front. Oncol.* 12:941643. doi: 10.3389/fonc.2022.941643. (IF 5.738)
37. Shuang Lin, Xiaoxia An, Yong Guo, Jianzhong Gu, Tian Xie*, **Qibiao Wu***, Xinbing Sui*. Meta-Analysis of Astragalus-Containing Traditional Chinese Medicine Combined With Chemotherapy for Colorectal Cancer: Efficacy and Safety to Tumor Response. *Front. Oncol.*, 2019, 9: 749. (IF: 5.738)
38. Juan Liu, Liping Bai, Fen Yang, Xiaojun Yao, Kawai Lei, Christopher Wai Kei Lam, **Qibiao Wu**, Yuxin Zhuang, Riping Xiao, Kangsheng Liao, Hioha Kuok, Ting Li*, Liang Liu*. Potent

- Antagonists of ROR γ t, Cardenolides from *Calotropis gigantea*, Exhibit Discrepant Effects on the Differentiation of T Lymphocyte Subsets. *Mol Pharm.* 2019 Feb 4;16(2):798-807. (IF: 5.364)
39. Bingtao Zhai[#], **Qibiao Wu[#]**, Wengang Wang, Mingming Zhang, Xuemeng Han, Qiuji Li, Peng Chen, Xiaying Chen, Xingxing Huang, Guohua Li, Qin Zhang, Ruonan Zhang, Yu Xiang, Shuiping Liu, Ting Duan, Jianshu Lou, Tian Xie*, Xinbing Sui*. Preparation, Characterization, Pharmacokinetics and Anticancer Effects of PEGylated β -Elemene Liposomes. *Cancer Biology & Medicine.* 2020. doi: 10.20892/j.issn.2095-3941.2019.0156. (IF: 5.347)
40. Jue Wang[#], Guochun Li[#], Lili Yu[#], Tingting Mo, **Qibiao Wu***, Zhou Zhou. Aidi injection plus platinum-based chemotherapy for stage IIIB/IV non-small cell lung cancer: A meta-analysis of 42 RCTs following the PRISMA guidelines. *J Ethnopharmacol.* 2018 Jul 15;221:137-150. (IF: 5.195)
41. Qingqing Guo, Shijin Yang, Dongqing Yang, Ning Zhang, Xun Li, Tianli Chen, Jiayan Chen, Guochun Li*, Lian Yin*, **Qibiao Wu***. Differential mRNA expression combined with network pharmacology reveals network effects of Liangxue Tongyu Prescription for acute intracerebral hemorrhagic rats. *J Ethnopharmacol.* 2020 Jan 10;246:112231. (IF: 5.195)
42. Zhou Zhou[#], Weixing Shen[#], Lili Yu[#], Cong Xu, **Qibiao Wu***. A Chinese patent medicine, Shexiang Baoxin Pill, for Non-ST-elevation acute coronary syndromes: A systematic review. *J Ethnopharmacol.* 2016, 194:1130-1139. (IF: 5.195)
43. Jiahui Xu[#], Qianqian Wang[#], Elaine Lai Han Leung[#], Ying Li, Xingxing Fan, **Qibiao Wu***, Xiaojun Yao*, Liang Liu*. Compound C620-0696, a new potent inhibitor targeting BPTF, the chromatin remodeling factor in non-small cell lung cancer. *Front Med.* 2020 Feb;14(1):60-67. (IF: 5.058)
44. Xie Y[#], Meng WY[#], Li RZ[#], Wang YW, Qian X, Chan C, Yu ZF, Fan XX, Pan HD, Xie C, **Wu QB**, Yan PY, Liu L, Tang YJ, Yao XJ*, Wang MF*, Leung EL*. Early lung cancer diagnostic biomarker discovery by machine learning methods. *Transl Oncol.* 2021 January;14(1):100907. (IF: 4.803)
45. Xiaoqing Fan, Zebo Jiang, Yuwei Wang, Xiaoqing Fan, Jun Cai, Xiaojun Yao, Liang Liu, Jun Huang, Jianxing He, Chun Xie, **Qibiao Wu***, Yabing Cao*, Elaine Lai-Han Leung*. Modulation of gut microbiota to overcome resistance to immune checkpoint blockade in cancer immunotherapy. *Curr Opin Pharmacol.* 2020 Jun 30;54:1-10. (IF: 4.768)
46. Chen HH, Meng WY, Li RZ, Wang QY, Wang YW, Pan HD, Yan PY, **Wu QB**, Liu L, Yao XJ, Kang M, Leung EL*. Potential prognostic factors in progression-free survival for patients with cervical cancer. *BMC Cancer.* 2021 May 10;21(1):531. (IF: 4.638)
47. Hongwei Chen, Jue Wang, Zheng Li, Christopher Wai Kei Lam, Ying Xiao*, **Qibiao Wu***, Wei Zhang*. Consumption of Sugar-Sweetened Beverages Has a Dose-Dependent Effect on the Risk of Non-Alcoholic Fatty Liver Disease: An Updated Systematic Review and Dose-Response Meta-Analysis. *Int J Environ Res Public Health*, 2019 Jun 21;16(12). pii: E2192. (IF: 4.614)
48. Wang J[#], Xu C[#], Chen Y[#], Shao L[#], Li T, Fan X, Yu L, Zhang R, Chen B, Chen H, Sui X*, Leung ELH*, **Wu Q***. β -elemene enhances the antitumor activity of erlotinib by inducing apoptosis through AMPK and MAPK pathways in TKI-resistant H1975 lung cancer cells. *J Cancer*, 2021; 12(8):2285-2294. (IF: 4.478)
49. Bi Chen, Ruo Nan Zhang, Xingxing Fan, Jue Wang, Cong Xu, Bo An, Qiao Wang, Jing Wang, Elaine Lai-Han Leung*, Xinbing Sui*, **Qi-Biao Wu***. Clinical diagnostic value of long

- non-coding RNAs in colorectal cancer A systematic review and meta-analysis. *Journal of Cancer*, 2020; 11(18): 5518-5526. doi: 10.7150/jca.46358. (IF: 4.478)
50. Liuxi Chen[#], Ying Liu[#], Qi Zhang[#], Mingming Zhang, Xuemeng Han, Qiujie Li, Tian Xie*, **Qibiao Wu***, Xinbing Sui*. p53/PCDH17/Beclin-1 Proteins as Prognostic Predictors for Urinary Bladder Cancer. *J Cancer*. 2019 Oct 15;10(25):6207-6216. doi: 10.7150/jca.37335. eCollection 2019. (IF: 4.478)
51. Hongwei Chen, Xiaojun Yao, Ting Li, Christopher Wai-Kei Lam, Ruonan Zhang, Huixia Zhang, Jue Wang, Wei Zhang*, Elaine Lai-Han Leung*, **Qibiao Wu***. Compound Kushen injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A meta-analysis of 37 RCTs following the PRISMA guidelines. *J Cancer*. 2020; 11(7): 1883-1898. (IF: 4.478)
52. **Qibiao Wu***; Xiaojun Yao[#]; Hongwei Chen[#]; Ting Li, Xingxing Fan; Guilin Zhang; Lili Yu; Min Chen; Cong Xu; Ruonan Zhang; Bi Chen; Xinbing Sui*; Elaine Lai-Han Leung*. Long-term aspirin use for primary cancer prevention: An updated systematic review and subgroup meta-analysis of 29 randomized clinical trials. *Journal of Cancer*, 2020; 11(21):6460-6473. (IF: 4.478)
53. Xingping Wu[#], **Qibiao Wu**^{##}, Xiqiao Zhou[#], Jianan Huang*. SphK1 functions downstream of IGF-1 to modulate IGF-1-induced EMT, migration and paclitaxel resistance of A549 cells: A preliminary in vitro study. *J Cancer*, 2019, 10(18): 4264-4269. (IF: 4.478)
54. **Qi Biao Wu***, Elaine Lai Han Leung*. The evidence strength of a meta-analysis of aspirin for primary prevention of cancer. *J Cancer Res Clin Oncol*. 2020 Aug;146(8):2173-2175. (IF: 4.322)
55. Hui You [#], Yi-Zhong Zhang[#], Huan-Ling Lai[#], Dan Li, Yu-Quan Liu, Run-Ze Li, Imran Khan, Wendy Wen-Lun Hsiao, Fu-Gang Dua, Xing-Xing Fan, Xiao-Jun Yao, Ya-Bing Cao, **Qi-Biao Wu***, Elaine Lai-Han Leung*, Mei-Fang Wang*. Prognostic significance of tumor poliovirus receptor and CTLA4 expression in patients with surgically resected non-small cell lung cancer. *J Cancer Res Clin Oncol*. 2020 Apr 4. (IF: 4.322)
56. Yi-Zhong Zhang, Huan-Ling Lai, Imran Khan, Wendy Wen-Luan Hsiao, Xing-Xing Fan, Xiao-Jun Yao, **Qi-Biao Wu***, Mei-Fang Wang* & Elaine Lai-Han Leung*. Clinical significance of LSEctin and its association with PVR in non-small-cell lung cancer patients. *Annals of Translational Medicine*, 2020;8(21):1393. doi: 10.21037/atm-20-3665. (IF: 3.616)
57. Yunqiao Wang[#], Mingtai Chen[#], Hao Yu[#], Gang Yuan[#], Li Luo, Xiongfei Xu, Yanneng Xu, Xinbing Sui*, Elaine Lai-Han Leung*, **Qibiao Wu***. The Role and Mechanisms of action of Natural Compounds in the Prevention and Treatment of Cancer and Cancer Metastasis. *Frontiers in Bioscience-Landmark*, 2022, 27(6), 192. <https://doi.org/10.31083/j.fbl2706192>. (IF: 3.115)
58. Zimao Liang[#], Han Xie[#], Weixing Shen[#], Le Shao[#], Li Zeng, Xingxing Huang, Qianru Zhu, Xiangyang Zhai, Keshuai Li, Zejing Qiu, Xinbing Sui, Haibo Cheng*, **Qibiao Wu***. The Synergism of Natural Compounds and Conventional Therapeutics against Colorectal Cancer Progression and Metastasis. *Frontiers in Bioscience-Landmark*, 2022 (in press) DOI: 10.3389/fphar.2022.975784. (IF: 3.115)
59. Junjun Yan[#], Yi Chen[#], **Qibiao Wu**[#], Le Shao And Xiqiao Zhou*. Expression of

sphingosine-1-phosphate receptor 2 is correlated with migration and invasion of human colon cancer cells: A preliminary clinical study. *Oncology letter*, 2022, 24: 241.

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60. Mengnan Liu[#], Gang Yuan[#], Gang Luo[#], Xin Guo[#], Mingtai Chen, Huayi Yang, Fan He, Tingfu Yang, Xinyue Zhang, **Qibiao Wu***, Hua Zhou*, Sijin Yang*. Network pharmacology analysis and experimental verification strategies reveal the action mechanism of Danshen Decoction in treating ischemic cardiomyopathy. *Evid Based Complement Alternat Med*. 2022, 7578055. (IF: 2.65)
61. Li K[#], Cheng H[#], Shen W[#], Leung EL, Le S, Yu L, Xie H, Sui X*, Zhu X*, **Wu Q***. Compound Taxus chinensis Capsule Combined with Chemotherapy for Non-Small-Cell Lung Cancer: A PRISMA-Compliant Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Evid Based Complement Alternat Med*. 2021 Dec 16;2021:9535061. (IF: 2.65)
62. Yu SX, Liang ZM, **Wu QB**, Shou L, Huang XX, Zhu QR, Xie H, Mei RY, Zhang RN, Zhai XY, Xie T, Sui XB*. A Novel Diagnostic and Therapeutic Strategy for Cancer Patients by Integrating Chinese Medicine Syndrome Differentiation and Precision Medicine. *Chin J Integr Med*. 2022 May 4. doi: 10.1007/s11655-022-3671-z. Epub ahead of print. (IF: 2.626)
63. Xueli Cheng, Jing Liu, Zhenghong Zhong, Donghan Xu, Xushan Cha, **Qibiao Wu***. Integrated Chinese and western medicine for SLE: A protocol for systematic review and meta-analysis. *Medicine (Baltimore)*. 2021 Mar 26;100(12):e23597. (IF: 1.817)
64. Xueli Cheng[#], Jiawen Lai[#], Yuelin Zhang, Liyun Lin, Donghan Xu, Zhenghong Zhong, **Qibiao Wu**, Jing Liu*. Efficacy and safety of fire acupuncture for psoriasis vulgaris: A protocol of systematic review and meta-analysis of randomized clinical trials. *Medicine (Baltimore)*. 2021 Mar 26;100(12):e25038. (IF: 1.817)
65. Qi Song[#], Jie Zhang[#], **Qibiao Wu**, Guoping Li*, Elaine Lai-Han Leung*. Kanglaite injection plus Fluorouracil-based chemotherapy on the reduction of adverse effects and improvement of clinical effectiveness in patients with advanced malignant tumors of the digestive tract: A meta-analysis of 20 RCTs following the PRISMA guidelines. *Medicine (Baltimore)*. 2020 Apr;99(17):e19480. (IF: 1.817)
66. Hongwei Chen[#], Xiaojun Yao[#], Ting Li, Christopher Wai-Kei Lam, Huixia Zhang, Jue Wang, Wei Zhang, Elaine Lai Han Leung*, **Qibiao Wu***. Compound Kushen injection plus platinum-based chemotherapy for stage IIIB/IV non-small cell lung cancer: A protocol for meta-analysis of randomized clinical trials following the PRISMA guidelines. *Medicine (Baltimore)*. 2019 Dec;98(52):e18552. (IF: 1.817)
67. **Qibiao Wu***, Hongwei Chen[#], Xiaojun Yao[#], Ting Li, Cong Xu, Jue Wang, Xinbing Sui*, Elaine Lai Han Leung*. Long-term aspirin use for cancer primary prevention: A protocol for updated systematic review and subgroup meta-analysis of randomized clinical trials. *Medicine (Baltimore)*. 2019 Sep;98(39):e17382. (IF: 1.817)
68. Hongwei Chen[#], Xiaojun Yao[#], Zhengtang Liu[#], Ting Li, Cong Xu, Jue Wang, Xinbing Sui*, Elaine Lai Han Leung*, **Qibiao Wu***. Efficacy and safety of Shenqi Fuzheng injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A protocol for systematic review and meta-analysis of randomized controlled trials. *Medicine (Baltimore)*. 2019 Sep;98(39):e17350. (IF: 1.817)

69. Yiwei Zhang, Juan Zhang, Jiaqi Hu, Chunlei Wen, Shuyang Dai, Danfeng Yang, Lifang Li, **Qibiao Wu***. Neuraxial adjuvants for prevention of perioperative shivering during cesarean section: A network metaanalysis following the PRISMA guidelines. *World J Clin Cases*, 2019; 7(16): 2287-2301. (IF: 1.534)
70. Bo An, Jing Wang, Qiao Wang, Bi Chen, Cong Xu, Lizhu Lin[#], **Qibiao Wu[#]**. Efficacy of Chinese Herbal Medicine Fufang Banmao Capsule Combined With Chemotherapy For Non-Small Cell Lung Carcinoma: A Meta-Analysis Of Randomized Controlled Trials. *Revista Argentina de Clínica Psicológica*. 2020, Vol. XXIX, N°4, 941-951. (IF: 0.508)
71. Cong Xu [#], Xiaojun Yao [#], Ting Li, Jue Wang, Xinbing Sui*, Elaine Lai Han Leung*, **Qibiao Wu***. Pretreatment neutrophil-to- lymphocyte ratio is a predictive biomarker for EGFR TKI-treated patients with advanced EGFR-mutant Non-small cell lung cancer. *Transl Cancer Res*. 2020. doi: 10.21037/tcr.2020.02.28. (IF: 0.496)
72. Zejing Qiu[#], Keshuai Li[#], Xuqing Mao, Wenzheng Zhang, Han Xie, Zimao Liang, XingXing Huang, Qianru Zhu, **Qibiao Wu***, Tian Xie *, Xinbing Sui *. The tumor microenvironment and cancer drug resistance: from molecular mechanisms to therapeutic strategies based on traditional Chinese and Western medicine. *Science China Life Sciences*, 2022 (in press).
73. Yi Jian, Liu Lin, Guo Chun, Guo Zhihua*, **Wu Qibiao***. Effect of Buyang Huanwu Decoction on Hemorheology and the Expression of NLRP3 and Caspase-1 in Inflammatory Reaction of Rats after Focal Cerebral Ischemia. *China Traditional Chinese Medicine emergency*, 2021, 30 (11): 1907-1911
74. LI Yu-Zheng, CHEN Lin-Rong, **WU Qi-Biao***, LIU Hong-Yu, XIE Rui-Tian. Effects of Qixie Huoxue Tongluo Decoction on Nerve Function, Oxidative Stress and Inflammatory Factors in Rats with Focal Cerebral Ischemia-Reperfusion Injury. 2022, 22 (1) : 16-20.
75. **Wu Qibiao***. Fruitful trip of study and training to University of Coimbra: Academica Summer training course. *Journal of Macao Higher Education*, 2018, 24: 30-31.
76. Li Chao, Chen ying, **Wu Qibiao***. Systematic Review and Meta-analysis of the Effects of Integrated Chinese and Western Medicine for Obstructive Sleep Apnea-hypopnea Syndrome (snoring sleep). *Chinese Journal of Otorhinolaryngology In Integrative Medicine*, 2022, 30 (2) : 140-146.
77. Wang Qiao, Xu Nenggui, Wu Yuntian, **Wu Qibiao ***, Zhang Xiaoyu. Clinical efficacy of ear acupoints acupressure with magnetic beads for cancer neuropathological pain and adverse reactions. *Nei Mongol Journal of Traditional Chinese Medicine*, 2021, 40(3):132-133. (Article in Chinese)
78. Li Chao, **Wu Qibiao***. Advances in the Treatment of Obstructive Sleep Apnea- hypopnea Syndrome (snoring sleep) by Integrated Chinese & Western Medicine. *Modern Journal of Integrated Traditional Chinese and Western Medicine*. 2020, 29(27): 105-107. (Article in Chinese)
79. Hang Xu, Xiaowei Ye*, **Qibiao Wu***. Advances in the clinical study of Compound Kushen Injection in combination with TACE for Primary Hepatic Carcinoma. *Guiding Journal of Traditional Chinese Medicine and Pharmacy*, 2019, 25(1): 76-78,85. (Article in Chinese)
80. Jue Wang, **Qibiao Wu***. Advances in the clinical study of Aidi Injection in combination with chemotherapy for middle-advanced stage non-small cell lung cancer. *Guiding Journal of*

Traditional Chinese Medicine and Pharmacy, 2017, 23(13): 70-75 (Article in Chinese)

81. Cong Xu, **Qibiao Wu***. Advances in the clinical study of Cinobufacini for non-small cell lung cancer. Guiding Journal of Traditional Chinese Medicine and Pharmacy, 2017, 23(17): 100-103. (Article in Chinese)

Conference Proceedings (Selected):

1. Han Xie , Feiting Fan , Mingjuan Zhou , Lei Wu , Jingmin Xiao, **Qibiao Wu***, Lin Lin* , Yuanbin Chen*. Clinical features and prognosis of patients with asthma-like symptoms and pulmonary function test suspected positive for asthma. The 24th Annual Meeting of the Conference on Respiriology of Guangdong Medical Association & Lingnan Summit on Respiratory diseases. (2021·Guangzhou·China)
2. Wang Xuewei, Shen Weixing, Cheng Haibo*, **Wu Qibiao***. Evidence-based evaluation of the efficacy and safety of Elemene injection in the treatment of advanced non-small cell lung cancer and network pharmacological study of the underlying anti-lung cancer mechanisms. Proceedings of the Inaugural Conference of the Specialty Committee on Holistic Integrative Oncology of World Federation of Chinese Medicine Societies. (2020·Beijing·China)
3. Cong Xu, Ze-Bo Jiang, Ruo-Nan Zhang, Jue Wang, Elaine Lai-Han Leung*, **Qi-Biao WU***. β -elemene reverses erlotinib resistance through upregulation of LncRNA H19 in EGFR-mutant lung cancer. The 7th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macao Summit on Treatment and Research of Rheumatism and Nephropathy with Chinese Medicine (2020·Changsha·China)
4. Ruo-Nan Zhang, Bi Chen, Jue Wang, Cong Xu, Elaine Lai-Han Leung*, Xin-Bing Sui *, **Qi-Biao Wu***. Curcumenol induces ferroptotic cell death in lung cancer cells. The 7th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macao Summit on Treatment and Research of Rheumatism and Nephropathy with Chinese Medicine (2020·Changsha·China)
5. Han Xie, Yuanbin Chen*, Feiting Fan, Lin Lin, **Qibiao Wu***. Treatment against airway mucus hypersecretion in bronchiectasis based on TCM theory of phlegm-fluid retention. The 7th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macao Summit on Treatment and Research of Rheumatism and Nephropathy with Chinese Medicine (2020·Changsha·China)
6. Ziming Zhao, **Qibiao Wu***. Discussion on the treatment of rheumatic heart disease with integrated traditional Chinese and western medicine. The 7th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macao Summit on Treatment and Research of Rheumatism and Nephropathy with Chinese Medicine (2020·Changsha·China)
7. Qi Chen, Juan Liu, Yuxin Zhuang, Li-ping Bai, Qing Yuan, Silin Zheng, Kangsheng Liao, **Qibiao Wu**, Liang Liu, Ting Li*. Identification of an IKK β inhibitor for inhibition of inflammation in vivo and in vitro. The 7th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese

Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macao Summit on Treatment and Research of Rheumatism and Nephropathy with Chinese Medicine (2020·Changsha·China)

8. **Qibiao Wu***, Xiaojun Yao[#], Hongwei Chen[#], Elaine Lai Han Leung*. The efficacy and safety of long-term aspirin use for cancer primary prevention: an updated systematic review and subgroup meta-analysis of randomized controlled trials. 2019 International Conference on Advanced Bioinformatics and Biomedical Engineering (ICABB 2019) (2019· Seoul·South Korea)
9. Jue Wang, Cong Xu, Xueli Cheng, Elaine Lai Han Leung*, **Qibiao Wu***. β -elemene enhances antitumor activity and induces apoptosis on TKI-resistant H1975 lung cancer cells by regulating AMPK α and MAPK pathways. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
10. Hongwei Chen, Cairen Wang, Christopher Wai Kei Lam, Wei Zhang*, **Qibiao Wu***. Efficacy and safety of Shenqi Fuzheng injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A systematic review and meta-analysis of randomized controlled trials. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
11. Cong Xu, Jue Wang, Xueli Cheng, Elaine Lai Han Leung*, **Qibiao Wu***. β -elemene regulates oxidative stress to induce apoptosis and increase drug sensitivity of TKI-resistant NSCLC cells. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
12. Ruo-Nan Zhang, Bi Chen, Jue Wang, Cong Xu, Elaine Lai Han Leung*, **Qibiao Wu***. β -elemene inhibits the metastasis of KDM6A-deficient bladder cancer cells by inhibiting the epithelial-mesenchymal transition. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait-Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
13. Qiao Wang, Xu Shu, Jing Wang, Bo An, **Qibiao Wu***. Textual research on the names of “Pain and Numbness ” disease. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
14. Bi Chen, Ruo Nan Zhang, Jue Wang, Cong Xu, Xinbing Sui*, Elaine Lai Han Leung*, **Qibiao Wu***. The role of traditional Chinese medicine in reducing the adverse reactions caused by cancer immunotherapy. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).

15. Wang Jing, Qiao Wang, Bo An, **Qibiao Wu***. Meta-analysis of Compound Hong-dou-shan capsule combined with radiotherapy or chemotherapy for malignant tumors. The 6th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait- Hong Kong-Macau Forum on Advanced Research in Treating Rheumatism with Chinese Medicine (2019·Tianjin·China).
16. Xuewei Wang, Jue Wang, **Qibiao Wu***. Elemene injection as adjunctive treatment to platinum-based chemotherapy for advanced non-small cell lung cancer: a systematic review and meta-analysis. Proceedings of the 5th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait Forum on Advanced Research on Treatment of Rheumatism with Chinese Medicine (2018·Nanning·China)
17. Jue Wang, Elaine Laihan Leung*, **Qibiao Wu***. A systematic review and meta-analysis of randomized controlled trials of Aidi injection in combination with chemotherapy for middle-advanced stage non-small cell lung cancer. Proceedings of the 5th Annual Meeting of the Specialty Committee on Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies cum the Cross-Strait Forum on Advanced Research on Treatment of Rheumatism with Chinese Medicine, (2018 Nanning·China)
18. **Qibiao Wu*** Current Development and Future Perspectives of Simulation-based Medical Education in Macau. Proceedings of the International Conference for Multiple Academic Disciplines (2018·Geneva·Switzerland).
19. Weixing Shen, **Qibiao Wu***, Zhiruo Zhou, Zhengjie Shen, Haibo Cheng*. The mechanisms and Effectiveness of Xiao-Ai-Jie-Du-Fang on differentiation tumor-associated macrophages. Proceedings of the Inaugural Conference of the Specialty Committee on Immunology of Traditional Chinese Medicine of World Federation of Chinese Medicine Societies (2014·Guangzhou·China)
20. **Qibiao Wu***, Haitao Li, Yujing Leng, Haishan Deng, Haibo Cheng, Weixing Shen. Determination of muscone in plasma of rats following oral administration of artificial musk: use of combined headspace gas chromatography-mass spectrometry Proceedings of the 11th Meeting of Consortium for Globalization of Chinese Medicine (CGCM) (2012·Macau·China).

Patents awarded :

- 1.The application of curcumenol in the preparation of anti-lung cancer drugs (CN113181166A). State Intellectual Property Office of the People's Republic of China.
2. An anti-fogging medical protective surface screen (ZL202221117048.7), , State Intellectual Property Office of the People's Republic of China.
3. A wearable device for cardiovascular monitoring (ZL202221045484.8) , State Intellectual Property Office of the People's Republic of China.
- 4.A Method for Quantitative Analysis of the Plasma Concentration of Muscone in Artificial-Musk (CN201210097458.4), State Intellectual Property Office of the People's Republic of China.
- 5.Formulations, preparation methods and application of compound orally disintegrating tablet of artificial musk and isosorbide mononitrate (CN200910203327.8), State Intellectual Property Office of the People's Republic of China.

Book Chapters:

1. Diagnostic and therapeutic technology of Chinese and Western Medicine, Southeast University Press, 2004
2. Emergency Medicine, Southeast University Press, 2004
3. Practical Empirical Formulae, Southeast University Press, 2004
4. Internal Medicine, Hunan Science & Technology Publishing House, 2002

Research Grants/Projects

- 2022 The molecular mechanism of curcumenol, an active ingredient of Wenyujin, inducing ferroptosis of lung cancer cells and the development of curcumenol nano-formulations
- 2022 Evidence-based medical evidence study on the relationship between air pollutants and lung cancer and its health warning significance for lung cancer prevention
- 2020-2022 Research on the physical and mental effects of COVID-19 on medical staff in Zhuhai and Macau (Macao Higher Education Fund)
- 2019 - The role of autophagy in TKIs-resistant NSCLC and the effects, mechanisms of Elemene in overcoming TKIs resistance (FDCT, Macau SAR)
- 2018 - Targets Discovery and Mechanism Research of Reversing TKI Resistance of TCM Elemene in the Treatment of Non-small Cell Lung Cancer (FDCT, Macau SAR)
- 2013 - 2017 Study on the molecular mechanisms of protective effects of muscone on myocardial ischemia-reperfusion injury in rats (FDCT, Macau SAR)
- 2013 Summer Camp--Mystery of physiology & kiss of life: health knowledge & first aid (FDCT, Macau SAR)
- 2012 Summer Camp--Adolescent Health knowledge and first aid for common accidents or emergencies (FDCT, Macau SAR)
- 2011 Summer Camp—Discovering the Human Body from Structures to Functions(FDCT, Macau SAR)
- 2008 - 2012 Study on the anti-anginal efficacy of Artificial Musk Orally Disintegrating Tablets(FDCT, Macau SAR)
- 2005 - 2009 Study on the clinical efficacy & action mechanisms of Zhikuoning Formula on airway inflammation, airway remodeling in bronchiectasis (FDCT, Macau SAR)
- 2005 - 2006 In vitro Study of the Role of NHBE & Its Cytokines in the Pathogenesis of Bronchiectasis & Efficacy of TCM Decoction (Education Department of Jiangsu)
- 2002 - 2005 Study on the effects of Zhikuoning Formula on NE and ECM in Bronchiectasis (Science & Technology Bureau of Jiangsu Province)

Academic and Professional Membership

- Expert of the National Science and Technology Programmes Expert Database
- Member of the Medical Affairs Council of Macau SAR; Member of the Task Force on Traditional Medicine, Member of the Task Force on Pharmacy
- Director of Cross Straits-Hong Kong-Macau Collaboration Center of Science and Technology in

Chinese Medicine

Deputy director of the Associação Conjunta de Promoção de Médicos Chineses Macau-Taiwan-Hong Kong; Director of the Specialty Committee on Integrated Western and Chinese Medicine Holistic Oncology

Deputy director of the Associação de Farmácia de Medicina Chinesa de Macau, etc.

Expert of 2022 National Foreign Expert project "Senior Foreign Expert Introduction Plan" (Jinan University), Ministry of Science and Technology

Visiting Professor/postgraduate tutor of Guangdong-Hong Kong-Macao Joint Laboratory of Pollutant Exposure and Health, Guangdong University of Technology

Adjunct professor/graduate supervisor of Guangdong Medical University

Program Chair, International Conference on Advanced Bioinformatics and Biomedical Engineering (ICABB)

Executive Council Member of the Specialty Committee of Immunology of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies

Council Member of the Cross-strait Scientific Collaboration Center for Chinese Medicine, the Specialty Committee of Emergency Medicine of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies, the First Council for Macau International Collaboration Alliance for Rheumatology Research, etc.

Consultant of ASSOCIAÇÃO DE FARMÁCIA DE MEDICINA CHINESA DE MACAU

ASSOCIAÇÃO DE MEDICINA INTERNA TRADICIONAL CHINESA SAN WA DE MACAU

Member of the Specialty Committee of Emergency of Traditional Chinese Medicine of the World Federation of Chinese Medicine Societies, the Asian Pacific Society of Respiriology (APSR), the American College of Physicians (ACP), the Chinese Anti-Cancer Association (CACA), the Specialty Committee of Integrated Chinese and Western Medicine for Cancer, the ASSOCIACAO DE FARMACIA DE MEDICINA CHINESA DE MACAU, and the Association for the Promotion of Higher Education in Macau, etc.

Project evaluation expert of Macao Science and Technology Development Fund, Macao Foundation, Guangdong Provincial Natural Science Foundation, etc.

Review experts of dozens of SCI journal including Cochrane Database of Systematic Reviews, Cancer Letters, Pharmacological Research, Phytomedicine, Frontiers in Oncology, etc.

Associate editor, editor of World Journal of Pharmacology, Frontiers in Pharmacology, Frontiers in Oncology, Evid Based Complement Alternat Med., etc.

Professional Qualifications and Awards

1. Certified doctor, PRC.
2. Attending physician, PRC.
3. Certified doctor, Macau SAR.
4. Certified TCM doctor, Macau SAR.
5. Attending physician, the Affiliated Hospital of Nanjing University of TCM (Jiangsu Provincial Hospital of TCM).

6. "Anti-Epidemic Pioneer Award", Annual Ceremony of Dingxiang Doctors 2020, Dingxiang Garden/Dingxiang Doctor
7. First Prize of "Caojinghua Cup" TCM Student Thesis Competition (PhD Group) (advisor), Macau University of Science and Technology, 2022
8. Macau Scientific and Technological R&D Award for Postgraduates(advisor), 2020
9. First Prize of "Caojinghua Cup" Chinese Medicine Student Paper Competition (undergraduate group) (advisor), 2020
10. Merit Award (Master Group) of 2019 "Caojinghua Cup" Chinese Medicine Student Paper Competition (advisor), 2019
11. Merit Award (Doctor Group) of "Caojinghua Cup" Chinese Medicine Student Paper Competition (advisor), 2019
12. Merit Award (Doctor Group) of 2018 "Caojinghua Cup" Chinese Medicine Student Paper Competition (advisor), 2018
13. First Prize, Zhongzhu Awards for Life Sciences, Macao University of Science and Technology, 2018.
14. First Prize, Zhongzhu Awards for Life Sciences, Macao University of Science and Technology, 2017.
15. First Prize, Zhongzhu Awards for Life Sciences, Macao University of Science and Technology, 2016.
16. Teaching Excellence Award, Macao University of Science and Technology, 2012
17. China Bank Award for academic excellence, Macao University of Science and Technology, 2011
18. Third place (as supervisor), the 15th Challenge Cup National College Students' Extracurricular Academic Science and Technology Contest, 2007.
19. Excellent course of Diagnostics (Director of the department of Diagnostics), Nanjing University of Chinese Medicine, 2006
20. Middle-young Backbone Teacher, First Clinical Medical College, Nanjing University of Chinese Medicine, 2005.