



JIN-JIAN LU

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Associate Professor
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(Updated: Aug 1st, 2023)

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EDUCATION

- **Ph.D, Pharmacology**
7/2009, Shanghai Institute of *Materia Medica*, Chinese Academy of Sciences
- **BS, Biology**
7/2004, College of Chemistry and Life Sciences, Zhejiang Normal University

WORK EXPERIENCE

- **Associate Professor & Assistant Director (Chinese Medicine Education Development)**
7/2022 to present, State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau
- **Associate Professor & Coordinator of Chinese Medicinal Science Programme**
8/2018 to 6/2022, State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau
- **Assistant Professor & Coordinator of Chinese Medicinal Science Programme**
8/2014 to 8/2018, State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau
- **Visiting Project Scientist**
6/2014 to 8/2014, Cedars–Sinai Medical Centre
- **Assistant Professor**
8/2012 to 8/2014, State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau
- **Postdoctoral Fellow**
9/2010 to 8/2012, Institute of Chinese Medical Sciences, University of Macau
- **Lecturer & Associate Professor**
7/2009 to 8/2012, College of Life Sciences, Zhejiang Chinese Medical University

TEACHING EXPERIENCE

- **UNIVERSITY OF MACAU**
 - 1) **Ph.D's Degree Programme**
Drug Discovery (2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022); Drug Targets and Drug Screening (2014/2015, 2015/2016); System Pharmacology (2013/2014); University Teaching (2015/2016)
 - 2) **Master's Degree Programme**
Targets and Models for Drug Screen (2014/2015, 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022); Progress in Contemporary Study of Chinese Medicine (2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021); Phytochemistry (2012/2013, 2013/2014); Introduction to Research in Chinese Medicinal Science (2010/2011, 2011/2012, 2013/2014); Medical Information Technology (2012/2013)
 - 3) **Bachelor's Degree Programme**

Cancer Biology (2013/2014, 2014/2015); General Microbiology (2012/2013, 2013/2014, 2014/2015); General Microbiology Laboratory (2012/2013, 2013/2014, 2014/2015); Research Design and Data Analysis for Bioscientists (2012/2013, 2013/2014); Wonders in Life Science and Health (General Education Course, 2013/2014, 2014/2015)

- **ZHEJIANG CHINESE MEDICAL UNIVERSITY**

- 1) **Bachelor's Degree Programme**

- Biochemistry (2009/2010); Biochemistry Laboratory (2009/2010); Scientific Instruments (2009/2010)

RESEARCH INTERESTS

- Leading compounds discovery for cancer therapy and mechanism study for the active chemicals.
- Screening, mechanistic study and application of immune checkpoint regulators for cancer treatment.
- Mechanistic study of drug resistance for the targeted therapy drugs.

RESEARCH PROJECTS

- 1) Science and Technology Development Fund, Macao S.A.R (FDCT). Structural modification of lycorine and its mechanism of enhancing antitumor activity of PD-L1 antibody. 0015-2022-A1. Dec 17, 2022 to Dec 16, 2025. 2,090,000 MOP. PI.
- 2) Science and Technology Development Fund, Macao S.A.R (FDCT). The identification and the pre-clinical study of novel agents to enhance cancer immunotherapy by improving tumor microenvironment. 0053-2021-AGJ. Jul 17, 2022 to Jul 16, 2024. 1,130,000 MOP. PI.
- 3) Science and Technology Development Fund, Macao S.A.R (FDCT). Identification of co-suppressors and naturally-derived small molecule inhibitors of CD47 immune checkpoint. 0129-2019-A3. May 22, 2020 to May 23, 2023. 2,077,000 MOP. PI.
- 4) National Natural Science Foundation of China. Anti-cancer mechanisms for ginsenoside Rh2 combined with everolimus on non-small cell lung cancer via mediating paraptosis. 81973516. Jan 2020 to Dec 2023. 550,000 RMB. PI.
- 5) State Key Laboratory of Drug Research. The regulatory network of c-MYC in paraptosis based on combinational therapy. SIMM2004KF-05. 2020.4 – 2021.4. 100,000 RMB. PI.
- 6) State Key Laboratory of Natural Medicines. Screening and optimization of anti-PD-L1 inhibitors from natural products for lung cancer treatment. SKLNMKF202006. Jan 2020 to Dec 2021. 100,000 RMB. PI.
- 7) Science and Technology Development Fund, Macao S.A.R (FDCT). PD-L1 regulators from Chinese medicines for the treatment of non-small cell lung cancer. 176-2017-A3. May 2018 to Nov 2020. 1,628,000 MOP. PI.
- 8) University of Macau. Investigation on mechanisms of epithelial-mesenchymal transition mediated resistance to osimertinib and the combination therapy strategy. MYRG2018-00165-ICMS. Sep 2018 to Aug 2021. 888,900 MOP. PI.
- 9) Science and Technology Development Fund, Macao S.A.R (FDCT). Co-targeting EGFR and mTOR for non-small cell lung cancer treatment. 024/2016/A1. Jul 2016 to Jul 2019. 1,780,000 MOP. PI.
- 10) Science and Technology Development Fund, Macao S.A.R (FDCT). Targets- and synergy-based anticancer drugs: design and biological evaluation. 038/2014/A1. Jan 2015 to Jan 2018. 1,539,000 MOP. PI.
- 11) Science and Technology Development Fund, Macao S.A.R (FDCT). The effects and molecular mechanisms of platygodin D-induced autophagy in cancer cells. 070/A/2013. Jan 2014 to Jan 2016. 381,000 MOP. PI.
- 12) University of Macau. Design and biological evaluation of folate receptor-targeted and hypoxia-activated new anticancer compounds. MYRG2015-00091-ICMS-QRCM. Apr 2015 to Mar 2018. 1,300,000 MOP. PI.
- 13) University of Macau. Combination of autophagy inhibitors and glycyrrhetic acid-modified poly(ethylene glycol)-chitosan nanoparticles loaded doxorubicin for the hepatocellular carcinoma therapy. MYRG2015-00101-ICMS-QRCM. Apr 2015 to Mar 2018. 780,000 MOP. PI.
- 14) University of Macau. Targets- and synergy-based anticancer drugs: design and biological evaluation. MRG024-LJJ-2015-ICMS. Jan 2015 to Jan 2018. 513,000 MOP. PI.

- 15) University of Macau. The effects and molecular mechanisms of platycodin D-induced autophagy in cancer cells. MRG008-LJJ2014-ICMS. Jan 2014 to Jan 2016. 114,300 MOP. PI.
- 16) University of Macau. Study of the antitumor potentials and mechanisms of combined with clinical drugs and active compounds isolated from Chinese medicine. SRG026-ICMS13-LJJ. Jan 2013 to Dec 2014. 100,000 MOP. PI.
- 17) State Key Laboratory of Natural Medicines. Combined platycodin D and everolimus for non-small cell lung cancer treatment. SKLNMKF201605. Jan 2016 to Dec 2017. 100,000 RMB. PI.
- 18) State Key Laboratory of Drug Research. Mechanism study of platycodin D-triggered autophagy and its application in cancer treatment. SIMM1403KF-11. Mar 2014 to Mar 2015. 80,000 RMB. PI.
- 19) National Natural Science Foundation of China. Study of the anti-cancer mechanisms of dihydroartemisinin based on the mitochondrial proteomics. 81001450. Jan 2011 to Dec 2013. 200,000 RMB. PI.
- 20) Administration of Traditional Chinese Medicine of Zhejiang Province. Study of the anti-liver cancer effects and the molecular mechanisms of Platycodin D. 2012ZA028. Jun 2012 to May 2014. 30,000 RMB. PI.
- 21) Department of Education of Zhejiang Province. Study of the protein expression changes of dihydroartemisinin on the mitochondrial of liver cancer cells. Y201016139. Oct 2010 to Oct 2012. 10,000 RMB. PI.
- 22) Zhejiang Chinese Medical University. The effects of combined therapy using dihydroartemisin and chemotherapeutic drugs based on endoplasmic reticulum stress. 2009ZZ04. Nov 2009 to Nov 2011. 15,000 RMB. PI.

PUBLICATION

• JOURNAL CONTRIBUTIONS

Dr. Lu has published more than 200 scientific papers in the professional journals, such as *J Hematol Oncol*, *Acta Pharm Sin B*, *Pharmacol Ther*, *Cancer Lett*, *Redox Biol*, *etc.* (Citations 6000+, h index=41, google scholar) * *Corresponding or co-corresponding author*, #*Co-first author*

- 1) Ye ZH, Yu WB, Huang MY, Chen J, Lu JJ*. Building on the backbone of CD47-based therapy in cancer: Combination strategies, mechanisms, and future perspectives. *Acta Pharm Sin B*. 2023, 13(4): 1467-87.
- 2) Yu WB, Chen YC, Huang CY, Ye ZH, Shi W, Zhu H, Shi JJ, Chen J, Lu JJ*. CD47 blockade improves the therapeutic effect of osimertinib in non-small cell lung cancer. *Front Med*. 2023, 17(1): 105-18.
- 3) He XL, Lyu WY, Li XY, Zhao H, Qi L*, Lu JJ*. Identification of glycogen phosphorylase L as a potential target for lung cancer. *Med Oncol*. 2023, 40(7): 211.
- 4) Li XY, He XY, Zhao H, Qi L*, Lu JJ*. Identification of a novel therapeutic target for lung cancer: Mitochondrial ribosome protein L9. *Pathol Res Pract*. 2023, 248: 154625.
- 5) Lin Y, Li S, Chen T, Lin Y, Cheng Z, Ni L*, Lu JJ*, Huang M*. Phytochemical compositions and biological activities of the branches and leaves of *Ormosia hosiei* Hemsl. et Wils. *J Pharm Biomed Anal*. 2023, 226: 115238.
- 6) Lu J, Li J, Lin Z, Li H, Lou L, Ding W, Ouyang S, Wu Y, Wen Y, Chen X, Yue P, Wang Y, Liu P, Lu JJ*, Zhang J*, Feng W*, Zhang X*. Reprogramming of TAMs via the STAT3/CD47-SIRP α axis promotes acquired resistance to EGFR-TKIs in lung cancer. *Cancer Lett*. 2023, 564: 216205.
- 7) Yu J, Zhong B, Zhao L, Hou Y, Ai N, Lu JJ, Ge W, Chen X*. Fighting drug-resistant lung cancer by induction of NAD(P)H:quinone oxidoreductase 1 (NQO1)-mediated ferroptosis. *Drug Resist Updat*. 2023, 70: 100977.
- 8) Zhao L, Zhong B, Zhu Y, Zheng H, Wang X, Hou Y, Lu JJ, Ai N, Guo X, Ge W, Ma YY, Chen X*. Nitrovin (difurazone), an antibacterial growth promoter, induces ROS-mediated paraptosis-like cell death by targeting thioredoxin reductase 1 (TrxR1). *Biochem Pharmacol*. 2023, 210: 115487.
- 9) Li J, Wang Y, Wang L, Hao D, Li P, Su M, Zhao Z, Liu T, Tai L, Lu JJ, Di LJ*. Metabolic modulation of CtBP dimeric status impacts the repression of DNA damage repair genes and the platinum sensitivity of ovarian cancer. *Int J Biol Sci*. 2023, 19(7): 2081-96.
- 10) Lin Z, Li J, Zhang J, Feng W, Lu J, Ma X, Ding W, Ouyang S, Lu JJ, Yue P, Wan G, Liu P, Zhang X*. Metabolic Reprogramming Driven by IGF2BP3 Promotes Acquired Resistance to EGFR Inhibitors in Non-Small Cell Lung Cancer. *Cancer Res*. 2023, 83(13): 2187-207.

- 11) Mo J, Deng L, Peng K, Ouyang S, Ding W, Lou L, Lin Z, Zhu J, Li J, Zhang Q, Wang P, Wen Y, Chen X, Yue P, **Lu JJ**, Zhu K, Zheng Y, Wang Y, Zhang X*. Targeting STAT3-VISTA axis to suppress tumor aggression and burden in acute myeloid leukemia. *J Hematol Oncol*. 2023, 16(1): 15.
- 12) Liu Q, **Lu JJ**, Hong HJ, Yang Q, Wang Y, Chen XJ*. Ophiopogon japonicus and its active compounds: A review of potential anticancer effects and underlying mechanisms. *Phytomedicine*. 2023, 113: 154718.
- 13) Chen MH, Leong F, Gao SJ, Chen X, **Lu JJ**, Lin LG, Wang Y, Chen XJ*. Comparison of Ophiopogon japonicus and Liriope spicata var. prolifera from Different Origins Based on Multi-Component Quantification and Anticancer Activity. *Molecules*. 2023, 28(3): 1045.
- 14) Han B, Zhai Y, Li X, Zhao H, Sun C, Zeng Y, Zhang W, **Lu JJ**, Kai G. Total flavonoids of Tetrastigma hemsleyanum Diels et Gilg inhibits colorectal tumor growth by modulating gut microbiota and metabolites. *Food Chem*. 2023, 410: 135361.
- 15) Ji QX, Zeng FY, Zhou J, Wu WB, Wang XJ, Zhang Z, Zhang GY, Tong J, Sun DY, Zhang JB, Cao WX, Shen FM, **Lu JJ**, Li DJ*, Wang P*. Ferroptotic stress facilitates smooth muscle cell dedifferentiation in arterial remodelling by disrupting mitochondrial homeostasis. *Cell Death Differ*. 2023, 30(2): 457-74.
- 16) Xu YL, Yuan LW, Jiang XM, Su MX, Huang MY, Chen YC, Zhang LL, Chen X, Zhu H, **Lu JJ***. Glutathione peroxidase 8 expression on cancer cells and cancer-associated fibroblasts facilitates lung cancer metastasis. *MedComm*. 2022, 3(3): e152.
- 17) Chen YC, HE XL, Qi L, Shi W, Yuan LW, Huang MY, Xu YL, Chen X, Gu L, Zhang LL, **Lu JJ***. Myricetin inhibits interferon- γ -induced PD-L1 and IDO1 expression in lung cancer cells. *Biochem Pharmacol*. 2022, 197: 114940.
- 18) Shi W, Qi L, You XB, Chen YC, Xu YL, Yu WB, Huang MY, Zhao H*, **Lu JJ***. Identification of AHS1 as a Potential Therapeutic Target for Breast Cancer: Bioinformatics Analysis and In Vitro Studies. *Curr Cancer Drug Targets*. 2022, In Press.
- 19) Chen YC, Shi W, Shi JJ*, **Lu JJ***. Progress of CD47 immune checkpoint blockade agents in anticancer therapy: a hematotoxic perspective. *J Cancer Res Clin Oncol*. 2022, 148(1): 1-14.
- 20) Su MX, Xu YL, Jiang XM, Huang MY, Zhang LL, Yuan LW, Xu XH, Zhu Q, Gao JL, Lu JH, Chen X, Huang MQ, Wang Y, **Lu JJ***. c-MYC-mediated TRIB3/P62+ aggresomes accumulation triggers paraptosis upon the combination of everolimus and ginsenoside Rh2. *Acta Pharm Sin B*. 2022, 12(3): 1240-53.
- 21) He XL, Xu XH, Shi JJ, Huang M, Wang Y, Chen X, **Lu JJ***. Anticancer effects of ginsenoside Rh2: a systematic review. *Curr Mol Pharmacol*. 2022; 15(1): 179-89.
- 22) Sun C, Zhao L, Wang X, Hou Y, Guo X, **Lu JJ**, Chen X*. Psoralidin, a natural compound from Psoralea corylifolia, induces oxidative damage mediated apoptosis in colon cancer cells. *J Biochem Mol Toxicol*. 2022, In Press.
- 23) Zhong B, Zhao L, Yu J, Hou Y, Ai N, **Lu JJ**, Ge W, Chen X*. Exogenous iron impairs the anti-cancer effect of ascorbic acid both in vitro and in vivo. *J Adv Res*. 2022, In Press.
- 24) Xu Y, Shi W, Feng L, Cao J, Feng Z, Zhang Q, **Lu JJ**, Ye Y, Lin L*. Anti-proliferative cassane-type diterpenoids from the seeds of *Caesalpinia minax*. *Nat Prod Res*. 2022, 36(4): 932-41.
- 25) Dong Y, Zhu G, Wang SF, Keon KA, Rubinstein JL, Zeng SX, Zhang S, Chen QL, Fu J, Li M, Shen HM, **Lu JJ**, Chen XP, Lu JH*. Toosendanin, a novel potent vacuolar-type H⁺-translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy. *Int J Biol Sci*. 2022, 18(7): 2684-702.
- 26) Ye ZH, Jiang XM, Huang MY, Xu YL, Chen YC, Yuan LW, Huang CY, Yu WB, Chen X, **Lu JJ***. Regulation of CD47 expression by interferon- γ in cancer cells. *Transl Oncol*. 2021, 14: 101162.
- 27) Huang MY, Jiang XM, Wang BL, Sun Y, **Lu JJ***. Combination therapy with PD-1/PD-L1 blockade in non-small cell lung cancer: strategies and mechanisms. *Pharmacol Ther*. 2021, 219: 107694.
- 28) Yuan LW, Jiang XM, Xu YL, Huang MY, Chen YC, Yu WB, Su MX, Ye ZH, Chen X, Wang Y, **Lu JJ***. Licochalcone A inhibits interferon- γ -induced programmed death-ligand 1 in lung cancer cells. *Phytomedicine*. 2021, 80: 153394.
- 29) Yu WB, Ye ZH, Chen X, Shi JJ*, **Lu JJ***. The development of small-molecule inhibitors targeting CD47. *Drug Discov Today*, 2021, 26(2): 561-68.
- 30) Jiang XM, Xu YL, Yuan LW, Zhang LL, Huang MY, Ye ZH, Su MX, Chen X, Zhu H, Ye R, **Lu JJ***. TGF β 2-mediated epithelial-mesenchymal transition and NF- κ B pathway activation contribute to osimertinib resistance. *Acta Pharmacol Sin*. 2021, 42: 451-9.

- 31) Xu XH, Chen YC, Xu YL, Feng ZL, Liu QY, Guo X, Lin LG, **Lu JJ***. Garcinone E blocks autophagy via lysosomal functional destruction in ovarian cancer cells. *World J TCM*. 2021, 7(2): 209-16.
- 32) Wang WH, Yuan T, Qian MJ, Yan FJ, Yang L, He QJ, Yang B, **Lu JJ***, Zhu H*. Post-translational modification of KRAS: potential targets for cancer therapy. *Acta Pharmacol Sin*. 2021, 42(8): 1201-11.
- 33) Huang XB, Yuan LW, Shao J, Yang Y, Liu Y, **Lu JJ***, Chen L*. Cytotoxic effects of flavonoids from root of *Sophora flavescens* in cancer cells. *Nat Prod Res*. 2021, 35(22): 4317-22.
- 34) Klionsky DJ, ... **Lu JJ** ..., Tong CK. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021, 17(1): 1-382.
- 35) Hou Y, Liu R, Xia M, Sun C, Zhong B, Yu J, Ai N, **Lu JJ**, Ge W, Liu B*, Chen X*. Nannocystin ax, an eEF1A inhibitor, induces G1 cell cycle arrest and caspase-independent apoptosis through cyclin D1 downregulation in colon cancer *in vivo*. *Pharmacol Res*. 2021, 173: 105870.
- 36) Zhong B, Yu J, Hou Y, Ai N, Ge W, **Lu JJ**, Chen X*. A novel strategy for glioblastoma treatment by induction of apoptosis, an NQO1-dependent necrosis. *Free Radic Biol Med*. 2021, 166: 104-15.
- 37) Wang M, Lin L, **Lu JJ**, Chen X. Pharmacological review of isobavachalcone, a naturally occurring chalcone. *Pharmacol Res*. 2021, 165: 105483.
- 38) Sun C, Liu R, Xia M, Hou Y, Wang X, **Lu JJ**, Liu B*, Chen X*. Nannocystin Ax, a natural elongation factor 1 α inhibitor from *Nannocystis* sp., suppresses epithelial-mesenchymal transition, adhesion and migration in lung cancer cells. *Toxicol Appl Pharmacol*. 2021, 420: 115535.
- 39) Cao J, Xu Y, Lou R, Shi W, Chen J, Gan L, **Lu JJ**, Lin L. Cassane-Type Diterpenoids from the Seeds of *Caesalpinia bonduc* (L.) Roxb. *Chem Biodivers*. 2021, 18(9): e2100309.
- 40) Li D, Zhang T, **Lu JJ**, Peng C*, Lin L*. Natural constituents from food sources as therapeutic agents for obesity and metabolic diseases targeting adipose tissue inflammation. *Crit Rev Food Sci Nutr*. 2021, 61(12): 1947-65.
- 41) Chong CM, Zhong Z, Vong CT, Wang S, **Lu JJ**, Zhong H, Su H, Wang Y*. The potentials of *Uncariae Ramulus Cum Uncis* for treatment of migraine: Targeting CGRP in the trigeminovascular system. *Curr Neuropharmacol*. 2021, 19(7): 1090-100.
- 42) Huang M, **Lu JJ**, Ding J. Natural Products in Cancer Therapy: Past, Present and Future. *Nat Prod Bioprospect*. 2021, 11: 5-13.
- 43) Zhang X, Zhang Q, Huang L, Liu M, Cheng Z, Zheng Y, Xu W, **Lu JJ**, Liu J, Huang M. Pien-Tze-Huang attenuates neuroinflammation in cerebral ischaemia-reperfusion injury in rats through the TLR4/NF- κ B/MAPK pathway. *Pharm Biol*. 2021: 59(1): 828-39.
- 44) Li T, Xu XH, Guo X, Yuan T, Tang ZH, Jiang XM, Xu YL, Zhang LL, Chen X, Zhu H, Shi JJ, **Lu JJ***. Activation of Notch 3/c-MYC/CHOP axis regulates apoptosis and promotes sensitivity of lung cancer cells to mTOR inhibitor everolimus. *Biochem Pharmacol*. 2020, 175: 113921.
- 45) Huang CY, Ye ZH, Huang MY, **Lu JJ***. Regulation of CD47 expression in cancer cells. *Transl Oncol*. 2020, 13(12): 100862.
- 46) Zhang LL, Huang MY, Yang Y, Huang MQ, Shi JJ, Zou L*, **Lu JJ***. Bioactive platycodins from *Platycodonis Radix*: phytochemistry, pharmacological activities, toxicology and pharmacokinetics. *Food Chem*. 2020, 327: 127029.
- 47) Zhang LL, Bao H, Xu YL, Jiang XM, Li W, Zhou L, Lin LG*, **Lu JJ***. Phanginin R induces cytoprotective autophagy via JNK/c-Jun signaling pathway in non-small cell lung cancer A549 cells. *Anticancer Agents Med Chem*. 2020, 20(8): 982-8.
- 48) **Lu JJ***, Wang YT*. Identification of anti-cancer compounds from natural products. *Chin J Nat Med*. 2020, 18(7): 481-2.
- 49) Chen YC, Huang MY, Zhang LL, Feng ZL, Jiang XM, Yuan LW, Huang RY, Liu B, Yu H, Wang Y, Chen X, Lin LG, **Lu JJ***. Nagilactone E increases PD-L1 expression through activation of c-Jun in lung cancer cells. *Chin J Nat Med*. 2020, 18(7): 517-25.
- 50) Zhang LL, Guo J, Jiang XM, Chen X, Wang Y, Li A, Lin LG*, Li H*, **Lu JJ***. Identification of nagilactone E as a protein synthesis inhibitor with anticancer activity. *Acta Pharmacol Sin*. 2020, 41: 698-705.
- 51) Li A, Xiao X, Feng ZL, Chen X, Liu LJ, Lin LG*, **Lu JJ***, Zhang LL*. Nagilactone D ameliorates experimental pulmonary fibrosis *in vitro* and *in vivo* via modulating TGF- β /Smad signaling pathway. *Toxicol Appl Pharmacol*. 2020, 389: 114882.
- 52) Yu J, Zhong B, Jin L, Hou Y, Ai N, Ge W, Li L, Liu S, **Lu JJ**, Chen X*. 2-Methoxy-6-acetyl-7-methyljuglone (MAM) induced programmed necrosis in glioblastoma by targeting NAD(P)H: Quinone oxidoreductase 1 (NQO1). *Free Radic Biol Med*. 2020, 152: 336-47.

- 53) Yu J, Zhong B, Xiao Q, Du L, Hou Y, Sun HS, **Lu JJ**, Chen X*. Induction of programmed necrosis: A novel anti-cancer strategy for natural compounds. *Pharmacol Ther.* 2020, 214: 107593.
- 54) Liu X, Zhang Y, Zhou GJ, Hou Y, Kong Q, **Lu JJ**, Zhang Q, Chen X*. Natural alkaloid 8-oxo-epiberberine inhibited TGF- β 1-triggered epithelial-mesenchymal transition by interfering Smad3. *Toxicol Appl Pharmacol.* 2020, 404: 115179.
- 55) Liu X, Zhang Y, Gao H, Hou Y, **Lu JJ**, Feng Y, Xu Q, Liu B, Chen X*. Induction of an MLKL mediated non-canonical necroptosis through reactive oxygen species by tanshinol A in lung cancer cells. *Biochem Pharmacol.* 2020, 171: 113684.
- 56) Ge Y, Zhang S, Wang J, Xia F, Wan JB, **Lu JJ**, Ye RD*. Dual modulation of formyl peptide receptor 2 by aspirin-triggered lipoxin contributes to its anti-inflammatory activity. *FASEB J.* 2020, 34(5): 6920-33.
- 57) Zeng CM, Zhao CX, Ge FJ, Li YK, Cao J, Ying MD, **Lu JJ**, He QJ, Yang B, Dai XY*, Zhu H*. Machado-Joseph deubiquitinases: From cellular functions to potential therapy targets. *Front Pharmacol.* 2020, 1311.
- 58) Yao N, Wang CR, Liu MQ, Li YJ, Chen WM, Li ZQ, Qi Q, **Lu JJ**, Fan CL, Chen MF, Qi M, Li XB, Hong J, Zhang DM*, Ye WC*. Discovery of a novel EGFR ligand DPBA that degrades EGFR and suppresses EGFR-positive NSCLC growth. *Signal Transduct Target Ther.* 2020, 5: 214.
- 59) Huang MY, Jiang XM*, Xu YL, Yuan LW, Chen YC, Cui G, Huang RY, Liu B, Wang Y, Chen X, **Lu JJ***. Platycodin D triggers the extracellular release of programmed death Ligand-1 in lung cancer cells. *Food Chem Toxicol.* 2019, 131: 110537.
- 60) Xu YL, Jiang XM, Zhang LL, Chen X, Huang ZJ, **Lu JJ***. Establishment and characterization of pemetrexed-resistant NCI-H460/PMT cells. *Anticancer Agents Med Chem.* 2019, 19(6):731-9.
- 61) Su MX, Zhang LL, Huang ZJ, Shi JJ, **Lu JJ***. Investigational hypoxia-activated prodrugs: Making sense of future development. *Curr Drug Targets.* 2019, 20(6): 668-78.
- 62) Zhang LL, Jiang XM, Huang MY, Feng ZL, Chen X, Wang Y, Li H, Li A, Lin LG*, **Lu JJ***. Nagilactone E suppresses TGF- β 1-induced epithelial-mesenchymal transition, migration and invasion in non-small cell lung cancer cells. *Phytomedicine.* 2019, 52: 32-9.
- 63) Huang LL, Zhang YP, Zhang XQ, Chen XP, Wang YT, **Lu JJ***, Huang MQ*. Therapeutic potential of Pien-Tze-Huang: A review on its chemical composition, pharmacology, and clinical application. *Molecules* 2019, 24(18): 3274.
- 64) Sun W, Yu J, Gao H, Wu X, Wang S, Hou Y, **Lu JJ**, Chen X*. Inhibition of lung cancer by 2-methoxy-6-acetyl-7-methyljuglone (MAM) through induction of necroptosis by targeting receptor-interacting protein 1 (RIP1). *Antioxid Redox Signal.* 2019, In Press.
- 65) Chen X*, Yu J, Zhong B, Lu J, **Lu JJ**, Li S, Lv Y. Pharmacological activities of dihydrotanshinone I, a natural product from *Salvia miltiorrhiza* Bunge. *Pharmacol Res.* 2019, In Press.
- 66) Wang A, Zhou F, Li D, **Lu JJ**, Wang Y, Lin L*. γ -Mangostin alleviates liver fibrosis through Sirtuin 3-superoxide-high mobility group box 1 signaling axis. *Toxicol Appl Pharmacol.* 2019, 363: 142-53.
- 67) Wang J, Wu MY, Su H, **Lu JJ**, Chen X, Tan J, Lu JH*. iNOS Interacts with Autophagy Receptor p62 and is Degraded by Autophagy in Macrophages. *Cells.* 2019, 8(10).
- 68) Cai CZ, Zhou HF, Yuan NN, Wu MY, Lee SM, Ren JY, Su HX, **Lu JJ**, Chen XP, Li M, Tan JQ, Lu JH*. Natural alkaloid harmine promotes degradation of alpha-synuclein via PKA-mediated ubiquitin-proteasome system activation. *Phytomedicine.* 2019, In Press.
- 69) Huang XJ, Li P, Yin ZQ, **Lu JJ**, Lin LG, Wang Y, Ye WC, Zhang QW*. Cablinosides A and B, two glycosidic phenylacetic acid derivatives from the leaves of *Pogostemon cablin*. *Chem Biodivers.* 2019, In Press.
- 70) Chong CM*, Su H, **Lu JJ**, Wang Y*. The effects of bioactive components from the rhizome of *Salvia miltiorrhiza* (Danshen) on the characteristics of Alzheimer's disease. *Chin Med.* 2019, 14: 19.
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- 72) Chen XM, Zhao Y, Wu XD, Wang MJ, Yu H, **Lu JJ**, Hu YJ, Huang QC, Huang RY, Lu CJ. Novel findings from determination of common expressed plasma exosomal microRNAs in patients with psoriatic arthritis, psoriasis vulgaris, rheumatoid arthritis, and gouty arthritis. *Discov Med.* 2019, 28(151): 47-68.

- 73) Xiao X, Li S, Zhang X, **Lu JJ**, Wang W, Zhou S, Zhang J, Wang R*, Li A*. HHQ-4, a quinoline derivate, preferentially inhibits proliferation of glucose-deprived breast cancer cells as a GRP78 down-regulator. *Toxicol Appl Pharmacol*. 2019, 373: 10-25.
- 74) Wang XB*, **Lu JJ**. Overview on good pharmacological practice on Chinese medicine research. *Mod Trad Chin Med Mater Med*. 2019, 21(9): 1846-54.
- 75) Cao WX, Li T, Tang ZH, Zhang LL, Wang ZY, Guo X, Su MX, Chen X, **Lu JJ***. MLKL mediates apoptosis via a mutual regulation with PERK/eIF2 α pathway in response to reactive oxygen species generation. *Apoptosis*. 2018, 23(9-10): 521-31.
- 76) Huang MY, Zhang LL, Ding J, **Lu JJ***. Anticancer drug discovery from Chinese medicinal herbs. *Chin Med*. 2018, 13: 35. (*Invited Review*)
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• MONOGRAPHS / BOOK CHAPTERS

- 1) Essay Writing in Pharmacy and Pharmaceutical Science. *People's Medical Publishing House Co. LTD.* ISBN: 978-7-117-29706-6. January 2021.
- 2) Pharmacology in Chinese medicines (3rd Edition). *Shanghai Scientific & Technical Publishers.* ISBN: 978-7-5478-4239-3/R·1738. January 2019.
- 3) Advances of Chinese medicines for cancer therapy. *People's Medical Publishing House Co. LTD.* ISBN: 978-7-117-16227-2/R·16228. October 2012.

HONORS AND AWARDS

- 1) Outstanding Contribution Award for Chinese Journal of Natural Medicines (2020)
- 2) Outstanding Reviewer Award for Acta Pharmacologica Sinica (2018 & 2020)
- 3) Outstanding Paper Award for Acta Pharmacologica Sinica (2018)
- 4) CNPHARS Annual Young Pharmacologists Award (2016)
- 5) Member of 2nd Prize of Natural Science: Macao Science and Technology Awards (2014)
- 6) Member of 2nd Prize of Natural Science: Macao Science and Technology Awards (2012)
- 7) 2nd Prize for the 8th Annual Meeting of Shanghai Pharmacological Society (2007)
- 8) Outstanding Poster Presentation Award for SIMM Annual Meeting (2007)
- 9) Excellent Student of Chinese Academy of Sciences (2006)
- 10) Outstanding Graduate of Zhejiang Province (2004)

PROFESSIONAL ACTIVITIES

- **PROFESSIONAL MEMBER**

- 1) Macau Association of Precision Medicine (Vice President of the Council)
- 2) International Society for Chinese Medicine (Director of the Academic Department)
- 3) International Association of Quality Research in Chinese Medicine (Member of the Council)
- 4) Chinese Association of Integrative Medicine (Committee Member for the Chinese Medicine Branch)
- 5) Chinese Pharmacological Society (Young Committee Member for the Pharmacology of Chinese Medicine and Natural Medicine Branch)
- 6) China Association of Traditional Chinese Medicine (Young Committee Member for the Experimental Pharmacology of Chinese Medicine Branch)
- 7) Guangdong Provincial Anticancer Association (Committee Member for the Anticancer Drugs Branch)
- 8) Guangdong Pharmacological Society (Committee Member for the Oncological Pharmacology Branch)
- 9) Moon Chun Memorial College, University of Macau (Affiliate)

- **PEER REVIEWER (PROJECT)**

- 1) National Natural Science Foundation of China
- 2) Zhejiang Provincial Natural Science Foundation
- 3) Academic Degree & Graduate Education Evaluation of MOE
- 4) China Adolescents Science & Technology Innovation Contest

- **EDITORIAL / YOUTH EDITORIAL BOARD MEMBER**

- 1) Translational Oncology (SCI)
- 2) Anti-Cancer Agents in Medicinal Chemistry (SCI)
- 3) Chinese Journal of Natural Medicines (SCI)
- 4) Molecular Medicine Reports (SCI)
- 5) Chinese Medicines (SCI)
- 6) Current Molecular Pharmacology (SCI)
- 7) World Journal of Traditional Chinese Medicine
- 8) Clinical Complementary Medicine and Pharmacology
- 9) Pharmacological Research - Modern Chinese Medicine
- 10) Chinese Journal of Cancer Prevention and Treatment
- 11) Journal of Jiangsu University (Medicine Edition)

- **PEER REVIEWER (JOURNAL)**

As a reviewer for more than 100 scientific journals, such as,

- 1) Acta Pharmaceutica Sinica B
- 2) Acta Pharmacologica Sinica
- 3) Autophagy
- 4) Biochemical Pharmacology
- 5) Drug Discovery Today
- 6) Free Radical Biology and Medicine
- 7) Journal of Experimental & Clinical Cancer Research
- 8) Pharmacological Research
- 9) Pharmacology & Therapeutics
- 10) Phytotherapy Research

Won the honors of outstanding reviewer in multiple journals, such as,

- 1) Acta Pharmacologica Sinica
- 2) Chinese Journal of Natural Medicines
- 3) European Journal of Pharmacology
- 4) Journal of Ethnopharmacology
- 5) Phytomedicine

- **INVITED TALK**

- 1) International Conference on Natural Products & the 3rd Wudang International Traditional Chinese Medicine Forum, Shiyuan (Aug 22, 2023). Potential application of polysaccharides derived from Chinese medicines in anti-tumor immunity

- 2) The 7th Acta Pharmaceutica Sinica Frontier Forum on Pharmacy, Haikou (Apr 8, 2023). Anticancer studies of natural products based on combination strategies
- 3) Sugar Science and Greater Bay Area Traditional Chinese Medicine Industry Development Forum, Zhuhai (Mar 25, 2023). The polysaccharide isolated from plant enhances the anticancer effect of PD-L1 antibody by regulating the microenvironment
- 4) Tianjin University of Traditional Chinese Medicine, Tianjin (Dec 18, 2022). Anticancer studies of natural products based on combination strategies (Online)
- 5) The 15th Binghu Forum (Hubei University of Chinese Medicine), Wuhan (Dec 7, 2022). Anticancer studies of natural products based on combination strategies (Online)
- 6) The 4th Sino-CPLP Symposium on Natural Medicine and Biodiversity Resources & the International Forum on Research and Development of Traditional Chinese Medicine Industry, Macao (Dec 3, 2022). Anticancer studies of natural products based on combination strategies
- 7) The 3rd National Academic Conference of Chinese Pharmacological Society Pharmacoeconomic Committee & the 7th International Conference on Epigenetic Drug Development, Guangzhou (Dec 3, 2022). Identification of new targets and combination strategies for non-small cell lung cancer (Online)
- 8) The 19th Academic Seminar of the Chinese Medicine Branch of Fujian Association of Traditional Chinese Medicine, Fuzhou (Nov 26, 2022). Anticancer combination strategies based on immune checkpoints: Do Chinese medicines have a chance? (Online)
- 9) Beijing University of Chinese Medicine, Beijing (Nov 22, 2022). Anticancer studies of natural products based on combination strategies (Online)
- 10) Greater Bay Area Traditional Chinese Medicine Inheritance and Innovation Development Summit Forum, Shenzhen (Nov 19, 2022). Anticancer studies of natural products based on combination strategies (Online)
- 11) 2022 Annual Meeting of the Chinese Medicine Experimental Pharmacology Association China Association of Chinese Medicine, Nanjing (Nov 11, 2022): Combination strategies based on immune checkpoints for cancer therapy (Online)
- 12) 2022 Shanghai University International Forum for Young Scholars, Shanghai (Nov 4, 2022): Combination strategies based on immune checkpoints: Preclinical study (Online)
- 13) USYD-ZJU Eye and Cancer Joint Seminar: Drug Development in Eye Diseases and Cancers, Sydney & Hangzhou (Nov 2, 2022). Combination strategies based on immune checkpoints: Preclinical study (Online)
- 14) Jiangmen Central Hospital (Pengjiang), Jiangmen (Oct 17, 2022). Combination strategies based on immune checkpoints: Preclinical study (Online)
- 15) The 2nd Macau Anti-Cancer Association Annual Symposium, Macao (Oct 16, 2022). Combination strategies based on immune checkpoints: Preclinical study
- 16) 2022 Annual Meeting for Guangdong-Hong Kong-Macao Joint Lab on Chinese Medicine and Immune Disease Research, Guangzhou (Sep 18, 2022). The regulation of tumor microenvironment and immune checkpoints by natural products derived from Chinese medicine (Online)
- 17) The 291st Wuya Forum & 22nd Baicao Forum for Shenyang Pharmaceutical University, Shenyang (Apr 22, 2022): Natural products for cancer therapy: Regulation of immune microenvironment (Online)
- 18) The 3rd Life Science High-end Academic Symposium of Shantou University, Shantou (Jan 8, 2022): Natural products for cancer therapy: Where are we heading? (Online)
- 19) The 18th Academic Symposium of the Chinese Medicine Branch of the Fujian Association of Chinese Medicine, Fuzhou (Dec 26, 2021): Chinese medicine: Inheritance, innovation and international expansion (Online)
- 20) I Drug Discovery Online Forum (Dec 8, 2021): Natural products for cancer therapy: Where are we heading? (Online)
- 21) The 1st annual meeting of the MOE-FSCPO, Macao (Dec 1, 2021): Natural products for cancer therapy: Where are we heading?
- 22) ZCMU-UM Innovation Forum of Chinese Medicine, Hangzhou (Nov 13, 2021): Natural products in combating lung cancer: active compounds discovering & combination strategies (Online)
- 23) Guangdong-Hong Kong-Macao Traditional Chinese Medicine Technology Summit Forum & the First Guangdong-Hong Kong-Macao Youth TCM Inheritance and Innovation Seminar, Guangzhou (Oct 30-31, 2021): c-MYC-mediated TRIB3/P62⁺ aggresomes accumulation triggers paraptosis upon the combination of everolimus and ginsenoside Rh2

- 24) 24 Solar Terms and Life Health & TCM Development International Forum, Jinhua (Oct 24, 2021): Natural products from Chinese medicines for anti-cancer drug discovery (Online)
- 25) The 17th Annual Meeting of the Chinese Medicine Experimental Pharmacology Association China Association of Chinese Medicine, Kunming (Oct 15, 2021): c-MYC-mediated TRIB3/P62⁺ aggresomes accumulation triggers paraptosis upon the combination of everolimus and ginsenoside Rh2 (Online)
- 26) The 20th Radiology Conference & the 10th Imaging Technology Conference of the Guangdong Medical Association, Zhuhai (Aug 15, 2021): Discovery of new anti-lung cancer targets & Research on combination treatment (Online)
- 27) Fighting Lung Cancer Online Forum (Apr 4, 2021): Natural products in combating lung cancer: Active compounds discovering & combination strategies (Online)
- 28) 2020 Annual Tumor Immunotherapy and Targeted Therapy Seminar, Guangzhou (Dec 19-20, 2020): Non-small cell lung cancer: Multi-target-based combination therapy (Online)
- 29) The 16th Annual Meeting of the Chinese Medicine Experimental Pharmacology Association China Association of Chinese Medicine, Kunming (Nov 20-23, 2020): Natural products in anticancer drug discovery: Strategies and perspectives (Online)
- 30) 2020 National Chinese Medicine Rational Application and Health Product Development Forum, Taiyuan (Nov 6-8, 2020): Natural products in anticancer drug discovery: Strategies and perspectives
- 31) 2020 Innovational Drug R&D Summit Forum, Jinhua (Oct 30-31, 2020): Natural products in anticancer drug discovery: Strategies and perspectives
- 32) Zhejiang University, Hangzhou (Dec 26, 2019): The resistant mechanisms of Osimertinib and immune checkpoint regulators from small molecular compounds
- 33) 2019 National Forum on Comprehensive Utilization of TCM Resources & Research and Application of TCM, Lanzhou (Nov 29-Dec 1, 2019): The progress of pharmacological activities for Platycodonis Radix
- 34) Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou (Nov 29, 2019): Natural products for anticancer drug discovery
- 35) Chinese Journal of Natural Medicines Young Scholars Forum, Guangzhou (Nov 15-17, 2019): The pharmacological activities of nagilactones
- 36) The 5th International Week of Chengdu University, Chengdu (Oct 15-18, 2019): Natural products for anticancer drug discovery
- 37) The 1st International Conference on Natural Toxicology and Pharmacology, Guangzhou (Aug 7-11, 2019): Natural products for anticancer drug discovery
- 38) Hubei University of Chinese Medicine, Wuhan (May 20, 2019): Anticancer studies on natural products from Chinese medicines: Practice and thinking
- 39) International Symposium on Good Pharmacology Practice for Chinese Medicines & the 2nd International Symposium on Wudang Local Chinese Medicines, Shiyan (May 17-20, 2019): Anticancer studies on natural products from Chinese medicines: Practice and thinking
- 40) Chinese Journal of Natural Medicines Young Scholars Forum, Hangzhou (Apr 27-28, 2019): Anticancer activities of natural products from Chinese medicines
- 41) Chinese Society of Biotechnology Young Scientists Forum IV, Shanghai (Apr 19-21, 2019): Anticancer studies on natural products derived from Chinese medicines
- 42) Northwestern Polytechnical University, Xian (Apr 18, 2019): Anticancer studies on natural products derived from Chinese medicines
- 43) The 8th Training Course in Chinese Medicine Quality Assurance, Macao (Apr 12, 2019): Drug screening
- 44) The 4th Cross-Strait, Hong Kong and Macao Great Health Industry Development Forum, Haerbin (Feb 21-24, 2019): Anticancer studies on natural products: Practice and thinking
- 45) Tenth People's Hospital of Tongji University, Shanghai (Dec 26, 2018): Anti-lung cancer drug discovery from natural products
- 46) The 4th Mogan Mountain International Summit on Green Pharmaceuticals, Deqing, (Nov 29-30, 2018): Anticancer drug discovery from natural products
- 47) 2018 National Chinese Medicine Rational Application and Health Product Development Forum, Hangzhou (Nov 2-4, 2018): Anticancer drug discovery from Chinese medicines
- 48) The 3rd International Symposium on Phytochemicals in Medicine and Food, Kunming (Aug 25-30, 2018): Investigation on anti-cancer effects and mechanisms of a norditerpenoid from seeds of *Podocarpus nagi*
- 49) International Conference on Medicinal Plants and Bioeconomy & The 1st Sino-CPLP Symposium on Natural Products and Biodiversity Resources, Macao (Aug 22-24, 2018): Anticancer effects and

- mechanisms of nagilactone E
- 50) The 5th National Symposium on Frontier Technology and Development of Pharmacognosy, Xining (Aug 10-12, 2018): Investigation of the pharmacological effects and mechanisms of a norditerpenoid from seeds of *Podocarpus nagi*
 - 51) Holistic Integrative Pharmacology: 2018 Harbin Summit of Chinmedomics and Drug Metabolism, Haerbin (Jun 22-24, 2018): Investigation on anti-cancer effects and mechanisms of a norditerpenoid from seeds of *Podocarpus nagi*
 - 52) China Pharmaceutical University, Nanjing (Jun 13, 2018): The potential function of MLKL in apoptosis
 - 53) Fujian Agriculture and Forestry University, Fuzhou (Nov 20, 2017): Anti-cancer activities of natural products and the combinational therapies
 - 54) Fujian University of Traditional Chinese Medicine, Fuzhou (Nov 20, 2017): Anti-cancer activities of natural products and the combinational therapies
 - 55) The 15th National Lung Cancer Academic Conference, Nanchang (Oct 26-28, 2017): Osimertinib (AZD9291) decreases PD-L1 in EGFR-mutated non-small cell lung cancer cells
 - 56) ICMAN IUPHAR Natural Products, Aberdeen (Sep 27-29, 2017): The effects and mechanisms of two main constituents from *Glycyrrhiza uralensis* Fisch-induced autophagy in non-small cell lung cancer
 - 57) International Symposium on Quality and Efficacy of Chinese Medicines, Shiyan (Aug 3-6, 2017): Natural autophagy regulators for lung cancer treatment
 - 58) NSFC-FDCT Frontier Subjects Seminar: Cancer Science, Guangzhou (Jun 18-20, 2017): The combinational strategies for non-small cell lung cancer (NSCLC) treatment
 - 59) The 15th National Symposium on Cancer Pharmacology and Clinical Chemotherapy, Hangzhou (Apr 28-May 1, 2017): Osimertinib induces autophagy in cancer cells and the characteristics of its resistant cells
 - 60) The 2nd International Symposium on Phytochemicals in Medicine and Food, Fuzhou (Apr 6-10, 2017): Platycodin D, a natural product isolated from *Platycodonis Radix*, displays potential anticancer effects as single or combination therapy
 - 61) Guangdong Society of Biochemistry and Molecular Biology 2016 Shantou University Life Science Advanced Symposium, Shantou (Dec 29, 2016): A novel combination approach targeting AKT for the treatment of NSCLC and the characterization of osimertinib-resistant NSCLC cell line
 - 62) The 12th Annual Meeting of the Chinese Medicine Experimental Pharmacology Association China Association of Chinese Medicine, Changsha (Oct 19-22, 2016): Screening and mechanism study of natural autophagy regulators for cancer treatment
 - 63) The 15th Meeting of Consortium for Globalization of Chinese Medicine (CGCM), Taipei (Aug 22-25, 2016): Garcinone E exerts anticancer properties on ovarian cancer cells
 - 64) Minzu University of China, Beijing (Nov 4, 2015): Screening and mechanism study of anticancer natural products and autophagy regulators
 - 65) China Pharmaceutical University, Nanjing (May 25, 2015): Screening and mechanism study of anticancer natural products and autophagy regulators
 - 66) The 14th National Oncological Pharmacology and Chemotherapy Academic Conference, Shenyang (Apr 24-27, 2015): Glycyrrhetic acid triggers a protective autophagy in lung and liver cancer cells dependent on different mechanisms
 - 67) The 28th International Symposium on the Chemistry of Natural Products & the 8th International Conference on Biodiversity, Shanghai (Oct 19-24, 2014): Development of anticancer drugs from Traditional Chinese Medicine and natural products
 - 68) Hubei University of Chinese Medicine, Wuhan (Apr 20, 2014): DJ-1 mediates the resistance of cancer cells to dihydroartemisinin through reactive oxygen species removal
 - 69) Zhejiang Chinese Medical University, Hangzhou (Jun 18, 2013): Anti-cancer properties of triterpenoids isolated from Chinese medicines
 - 70) Guiyang College of Traditional Chinese Medicine, Guiyang (May 26, 2013): Anti-breast cancer properties of triterpenoids isolated from *Ganoderma lucidum*
 - 71) The 15th annual meeting of China association for science and technology, Guiyang (May 25-27, 2013): Anti-breast cancer properties of triterpenoids isolated from *Ganoderma lucidum*
 - 72) The 2nd Training Course in Chinese Medicine Quality Assurance, Macao (Apr 16, 2013): Drug screening
 - 73) Chinese Medicine Development Seminar for Portuguese-Speaking Countries, Macao (Nov 12, 2012): Drug screening