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教研領域

教學科目

病理學；藥理學；西醫外科學總論；中西醫結合研究進展；
食品毒理學；中醫藥研究進展

研究方向

中藥藥理；糖尿病；腎病；組織固相色譜技術

學歷

- 2009 - 2012 澳門科技大學 / 中藥學 / 博士學位
2006 - 2009 南京醫科大學 / 藥理學 / 醫學碩士學位
2001 - 2006 武漢科技大學 / 臨床醫學 / 醫學學士學位
2002 - 2006 武漢科技大學 / 英語 / 文學學士學位

教學經驗

- 2022.1 - 現職 澳門科技大學 / 中醫藥學院 / 助理院長
2020.9 - 2022.1 澳門科技大學 / 中醫藥學院 / 課程主任
2019.7 - 現職 澳門科技大學 / 中醫藥學院 / 副教授
2012.9 – 2019.6 澳門科技大學 / 中醫藥學院 / 助理教授
2009.4 - 2009.7 上海藥明康德新藥開發有限公司 / 研發生物學部 / 研究員

學術成果

期刊文章(*通訊作者 Corresponding author):

- 94). Dong RX, Xu YH*. Glomerular Cell Cross-talk in Diabetic Kidney Diseases. *Journal of Diabetes*. 2022 August 2; DOI:10.1111/1753-0407.13304.
[SCI impact factor 2021: 4.53, ranked the 63rd in 146 journals (43.15 %) of category ENDOCRINOLOGY & METABOLISM].
- 93). Geng K, Ma X, Jiang Z, Gu J, Huang W, Wang W, Xu Y*, Xu YH*. WDR74 facilitates TGF-β/Smad pathway activation to promote M2 macrophage polarization and diabetic foot ulcer wound healing in mice. *Cell Biology and Toxicology*. 2022; DOI : 10.1007/s10565-022-09748-8.
[SCI impact factor 2021: 6.819, ranked the 9th in 94 journals (9.57 %) of category

TOXICOLOGY].

- 92). Zhao T, Li M, Xiang Q, Lie B, Chen D, Wang W, Li X, Xu T, Zhang X, Li Y, Dong R, Du X, Wang Y, Yang J, He B, Zhu Q, Duan T*, Li Z*, **Xu YH***. Yishen Huashi granules ameliorated the development of diabetic nephropathy by reducing the damage of glomerular filtration barrier. *Frontiers in Pharmacology - Renal Pharmacology*. 2022 July 22; <https://doi.org/10.3389/fphar.2022.872940>. [SCI impact factor 2021: 5.988, ranked the 50th in 279 journals (17.92%) of category PHARMACOLOGY & PHARMACY].
- 91). Zhang W*, Li J, Yang P, Wang G, Yue Y, Zhong Y, Liu H, Gui D, **Xu YH**, Wang N*. Efficacy and Safety of Salvia miltiorrhiza for Treating Chronic Kidney Diseases: A Systematic Review and Meta-Analysis. *Evid Based Complement Alternat Med*. 2022 Jun 14;2022:2117433. doi: 10.1155/2022/2117433. eCollection 2022. [SCI impact factor 2021: 2.65, ranked the 16th in 30 journals (53.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 90). Zhu D, Zhang T, Li Y, Huang C, Suo M, Xia L, **Xu YH***, Li G*, Tang BZ*. Tumor-derived exosomes co-delivering aggregation-induced emission luminogens and proton pump inhibitors for tumor glutamine starvation therapy and enhanced type-I photodynamic therapy. *Biomaterials*. 2022 Apr;283:121462. doi: 10.1016/j.biomaterials.2022.121462. Epub 2022 Mar 5. [SCI impact factor 2021: 15.304, ranked the 4th in 98 journals (3.37%) of category ENGINEERING, BIOMEDICAL].
- 89). Peiyu Guan, **Youhua Xu***. Progress of acupuncture in sequelae of stroke hemiplegia. *Chinese Manipulation and Rehabilitation Medicine*. 2022,13(5):64-69. [In Chinese] 官霈钰, 徐友華*。針灸治療中風後遺症偏癱研究進展. 按摩與康復醫學。2022,13(5):64-69.
- 88). Tinghong Guo, Siyi Li, Qiuyue Li, Fengbin Liu, Huafeng Pan, **Youhua Xu***. Research on Prevention Law of Traditional Chinese Medicine Based on Gastric "Inflammatory - Cancer" Transition Pathology Process. *Chinese Journal of Ethnomedicine and Ethnopharmacy*. 2022,31(3):67-72. [In Chinese] 郭廷洪, 李思怡, 劉鳳斌, 潘華峰, 徐友華*。基於胃“炎-癌”轉化病理組織學進程的中醫精准防治規律研究. 中國民族民間醫藥。2022,31(3):67-72.
- 87). Zhao T, Tian J, Xu T, Zhang X, Xiang Q, Xiong J, Gui D, **Xu YH***. Astragaloside IV Improves the Barrier Damage in Diabetic Glomerular Endothelial Cells Stimulated by High Glucose and High Insulin. *Evid Based Complement Alternat Med*. 2022 Mar 17;2022:7647380. doi: 10.1155/2022/7647380. eCollection 2022. [SCI impact factor 2021: 2.65, ranked the 16th in 30 journals (53.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 86). Liu B, Zhao T, Li Y, Han Y, **Xu YH**, Yang H, Wang S, Zhao Y*, Li P, Wang Y*. Notoginsenoside R1 ameliorates mitochondrial dysfunction to circumvent neuronal energy failure in acute phase of focal cerebral ischemia. *Phytother Res*. 2022 May;36(5):2223-2235. doi: 10.1002/ptr.7450. Epub 2022 Apr 13. [SCI impact factor 2021: 6.388, ranked the 8th in 63 journals (12.70%) of category CHEMISTRY, MEDICINAL].
- 85). Li X, Zhao T, Gu J, Wang Z, Lin J, Wang R, Duan T, Li Z, Dong R, Wang W, Hong KF, Liu Z, Huang W, Gui D*, Zhou H*, **Xu YH***. Intake of flavonoids from Astragalus membranaceus ameliorated brain impairment in diabetic mice via modulating brain-gut axis. *Chin Med*. 2022 Feb 12;17(1):22. doi: 10.1186/s13020-022-00578-8. [SCI impact factor 2021: 4.546, ranked the 6th in 30 journals (20%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].

- 84). Huang Q, Chen H, Yin K, Shen Y, Lin K, Guo X, Zhang X, Wang N, Xin W*, **Xu YH***, Gui D*. Formononetin Attenuates Renal Tubular Injury and Mitochondrial Damage in Diabetic Nephropathy Partly via Regulating Sirt1/PGC-1 α Pathway. *Front Pharmacol.* 2022 May 12;13:901234. doi: 10.3389/fphar.2022.901234. eCollection 2022.
[SCI impact factor 2021: 5.988, ranked the 50th in 279 journals (17.92%) of category PHARMACOLOGY & PHARMACY].
- 83). Tang D, He WJ, Zhang ZT, Shi JJ, Wang X, Gu WT, Chen ZQ, **Xu YH**, Chen YB*, Wang SM*. Protective effects of Huang-Lian-Jie-Du Decoction on diabetic nephropathy through regulating AGEs/RAGE/Akt/Nrf2 pathway and metabolic profiling in db/db mice. *Phytomedicine*. 2022 Jan;95:153777. doi: 10.1016/j.phymed.2021.153777. Epub 2021 Sep 27.
[SCI impact factor 2021: 6.656, ranked the 1st in 30 journals (3.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 82). Liang Liu*, Hua Zhou, **Youhua Xu**, Peiyu Yan, Lili Yu. Construction and practice of GPCE-based comprehensive talent cultivation system for Chinese Medicine in Macao SAR. *ECM*. 2021,40(3):9-12. [In Chinese]
劉良*, 周華, 徐友華, 顏培宇, 于麗麗。GPCE 中醫藥複合型人才培養模式在澳門特區的建立與實踐. 中醫教育。 2021,40(3):9-12.
- 81). Wang X, Liang QF, Zeng X, Huang GX, Xin GZ, **Xu YH**, Tang D*, Wang SM*. Effects of soy isoflavone supplementation on patients with diabetic nephropathy: a systematic review and meta-analysis of randomized controlled trials. *Food Funct.* 2021 Sep 7;12(17):7607-7618. doi: 10.1039/d1fo01175h. Epub 2021 Jul 8.
[SCI impact factor 2021: 6.317, ranked the 24th in 143 journals (16.78%) of category FOOD SCIENCE & TECHNOLOGY].
- 80). Zhang ZT, Guo N, Zhuang GD, Deng SM, He WJ, Chen ZQ, **Xu YH**, Tang D*, Wang SM*. Metabolic Profiling of Carbonyl Compounds for Unveiling Protective Mechanisms of Pueraria lobata against Diabetic Nephropathy by UPLC-Q-Orbitrap HRMS/MS Analysis. *J Agric Food Chem*. 2021 Sep 22;69(37):10943-10951. doi: 10.1021/acs.jafc.1c03582. Epub 2021 Sep 13.
[SCI impact factor 2021: 5.895, ranked the 6th in 59 journals (10.17%) of category AGRICULTURE, MULTIDISCIPLINARY].
- 79). Han Y, Chen Y, Zhang Q, Liu BW, Yang L, **Xu YH**, Zhao YH*. Overview of therapeutic potentiality of Angelica sinensis for ischemic stroke. *Phytomedicine*. 2021 Sep;90:153652. doi: 10.1016/j.phymed.2021.153652. Epub 2021 Jul 16.
[SCI impact factor 2021: 6.656, ranked the 1st in 30 journals (3.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 78). Xu M, Feng T, Liu B, Qiu F, **Xu YH**, Zhao Y*, Zheng Y*. Engineered exosomes: desirable target-tracking characteristics for cerebrovascular and neurodegenerative disease therapies. *Theranostics*. 2021 Aug 18;11(18):8926-8944. doi: 10.7150/thno.62330.
[SCI impact factor 2021: 11.6, ranked the 13th in 139 journals (9.35%) of category MEDICINE, RESEARCH & EXPERIMENTAL].
- 77). Wang Z, Li XL, Hong KF, Zhao TT, Dong RX, Wang WM, Li YT, Zhang GL, Lin J, Gui DK*, **Xu YH***. Total flavonoids of Astragalus Ameliorated Bile Acid Metabolism Dysfunction in Diabetes Mellitus. *Evid Based Complement Alternat Med*. 2021 Apr 12;2021:6675567. doi: 10.1155/2021/6675567. eCollection 2021.
[SCI impact factor 2021: 2.65, ranked the 16th in 30 journals (53.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 76). Weiming Wang, Tingting Zhao, Kang Geng, Gang Yuan, Yue Chen*, **Youhua Xu***.

- Smoking and pathophysiology of Peripheral artery disease. *Frontiers in Cardiovascular Medicine-Atherosclerosis and Vascular Medicine*. 2021 Aug 27;8:704106. doi: 10.3389/fcvm.2021.704106.
[SCI impact factor 2021: 5.846, ranked the 43rd in 143 journals (30.07%) of category CARDIAC & CARDIOVASCULAR SYSTEMS].
- 75). Yaochen Chuang, Iatkio Van*, Yonghua Zhao, **Youhua Xu***. Icariin Ameliorate Alzheimer's Disease by Influencing SIRT1 and Inhibiting A β cascade Pathogenesis. *Journal of Chemical Neuroanatomy*. 2021 Nov;117:102014. doi: 10.1016/j.jchemneu.2021.102014.
[SCI impact factor 2021: 3.097, ranked the 190th in 274 journals (69.34%) of category NEUROSCIENCE].
- 74). Yuntong Li, Zhe Wang, Jing Lin, Guilin Zhang*, **Youhua Xu***. Research progress on the role of Traditional Chinese Medicine in inflammatory injury of COVID-19 (in Chinese). *Chin Sci Bull*, 2021, 66(26): 3377-3384, doi: 10.1360/TB-2020-1620 [In Chinese]
李雲彤, 王喆, 林靜, 張桂林*, 徐友華*. 中醫藥在新冠肺炎炎症損傷中的作用研究進展. *科學通報*, 2021, 66(26): 3377-3384. doi: 10.1360/TB-2020-1620.
- 73). Qian Bai, Yaochen Chuang, Yonghua Zhao, Yao Wang, Pu Ge, **Youhua Xu***, and Ying Bian*. The Correlation between Demographical and Lifestyle Factors and Traditional Chinese Medicine Constitution among Macau Elderly Individuals. *Evidence-Based Complementary and Alternative Medicine*. 2021;19 April. Article ID 5595235 | <https://doi.org/10.1155/2021/5595235>.
[SCI impact factor 2021: 2.65, ranked the 16th in 30 journals (53.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 72). Kang Geng, Xiumei Ma, Zongzhe Jiang, Wei Huang, Chenlin Gao, Yueli Pu, Lifang Luo, **Youhua Xu***, Yong Xu*. Innate Immunity in Diabetic Wound Healing: Focus on the Mastermind Hidden in Chronic Inflammatory. *Frontiers in Pharmacology*. 2021;21 April <https://doi.org/10.3389/fphar.2021.653940>.
[SCI impact factor 2021: 5.988, ranked the 50th in 279 journals (17.92%) of category PHARMACOLOGY & PHARMACY].
- 71). Yinyan Xu, Hengli Guo, Tingting Zhao, Jing Fu*, **Youhua Xu***. Mulberroside A from Cortex Mori Enhanced Gut Integrity in Diabetes. *Evidence-Based Complementary and Alternative Medicine*. 2021 May 20;2021:6655555. doi: 10.1155/2021/6655555. eCollection 2021.
[SCI impact factor 2021: 2.65, ranked the 16th in 30 journals (53.33%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 70). Jun Su, Chongting Gao, Ling Xie, Ying Fan, Yilan Shen, Qunwei Huang, Niansong Wang, **Youhua Xu***, Nizhi Yang*, Dingkun Gui*. Astragaloside II Ameliorated Podocyte Injury and Mitochondrial Dysfunction in Streptozotocin-Induced Diabetic Rats. *Frontiers in Pharmacology*. 2021 Mar 16;12:638422. doi: 10.3389/fphar.2021.638422. eCollection 2021.
[SCI impact factor 2021: 5.988, ranked the 50th in 279 journals (17.92%) of category PHARMACOLOGY & PHARMACY].
- 69). Zhuo Zhang, Yaochen Chuang, Xinyu Ke, Ji Wang, **Youhua Xu**, Yonghua Zhao*, Ying Bian*. The influence of TCM constitutions and neurocognitive function in elderly Macau individuals. *Chinese Medicine*. 2021 Apr 13;16(1):32. doi: 10.1186/s13020-021-00441-2.
[SCI impact factor 2021: 4.546, ranked the 6th in 30 journals (20%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 68). Dan Tang, Wei Xiao, Wen-Ting Gu, Zhi-Tong Zhang, Shu-Hong Xu, Zhi-Quan Chen,

- You-Hua Xu**, Lu-Yong Zhang, Shu-Mei Wang*, Hong Nie*. Pterostilbene prevents methylglyoxal-induced cytotoxicity in endothelial cells by regulating glyoxalase, oxidative stress and apoptosis. *Food and Chemical Toxicology*. 2021 Jul;153:112244. doi: 10.1016/j.fct.2021.112244. Epub 2021 Apr 27.
[SCI impact factor 2021: 5.572, ranked the 15th in 94 journals (15.96%) of category TOXICOLOGY].
- 67). Wenjun Gan, Chenlin Gao, Wenqian Zhang, Junling Gu, Tingting Zhao, Hengli Guo, Hua Zhou, Yong Xu, Lili Yu, Lifang Li, Dingkun Gui**, **Youhua Xu***. Kuwanon G promoted Acetylcholine production in advanced glycation end products-induced HT22 cells. *Experimental and Therapeutic Medicine*. 2021 May;21(5):425. doi: 10.3892/etm.2021.9869. Epub 2021 Feb 25.
[SCI impact factor 2021: 2.751, ranked the 105th in 139 journals (top 75.54%) of category MEDICINE, RESEARCH & EXPERIMENTAL].
- 66). Tingting Zhao, Zhe Wang, Zhilong Liu, **Youhua Xu***. Pivotal Role Of The Interaction Between Herbal Medicines And Gut Microbiota On Disease Treatment. *Current Drug Target*. *Current Drug Targets*. 2021;22(3):336-346. doi: 10.2174/1389450121666200324151530.
[SCI impact factor 2021: 2.937, ranked the 183rd in 279 journals (top 65.59%) of category PHARMACOLOGY & PHARMACY].
- 65). Yue Liu*, Valentina Echeverria Moran, **Youhua Xu**. Editorial: Medicinal Plants for Cardiovascular and Neurodegenerative Aging-related Diseases: From Bench to Bedside. *Frontiers in Pharmacology*. 2020; 11: 585155.
[SCI impact factor 2020: 5.810, ranked the 40th in 275 journals (14.55%) of category PHARMACOLOGY & PHARMACY].
- 64). Tingting Zhao, Junling Gu, Huixia Zhang, Zhe Wang, Wenqian Zhang, Yong-Hua Zhao, Ying Zheng, Wei Zhang, Hua Zhou, Guilin Zhang, Qingmin Sun, Enchao Zhou*, Zhilong Liu*, **Youhua Xu***. Sodium Butyrate Modulated Mitochondria Function in High-Insulin induced HepG2 Cells Dysfunction. *Oxidative Medicine and Cellular Longevity*. 2020;2020:1904609. (<https://doi.org/10.1155/2020/1904609>)
[SCI impact factor 2020: 6.543, ranked the 54th in 195 journals (top 27.69%) of category CELL BIOLOGY].
- 63). Wei Huang*, Chenlin Gao, Luping Zhou, Junling Gu, huiwen xu, Qin Wan, Yang Long, Li Chai, **Youhua Xu***, Yong Xu*. Short-chain Fatty Acids Ameliorate Diabetic Nephropathy via GPR43-mediated Inhibition of oxidative stress and NF- κ B Signaling. *Oxidative Medicine and Cellular Longevity*. 2020 Aug 1;2020:4074832. doi: 10.1155/2020/4074832.
[SCI impact factor 2020: 6.543, ranked the 54th in 195 journals (top 27.69%) of category CELL BIOLOGY].
- 62). Xie L, Zhai R, Chen T, Gao C, Xue R, Wang N, Wang J*, **Xu Y**, Gui D*. Panax notoginseng ameliorates podocyte EMT by targeting the Wnt/ β -catenin signaling pathway in STZ-induced diabetic rats. *Drug Design Development and Therapy*. 2020 Feb 5;14:527-538.
[SCI impact factor 2020: 4.162, ranked the 100th in 275 journals (top 36.36%) of category PHARMACOLOGY & PHARMACY].
- 61). Xue R, Zhai R, Xie L, Zheng Z, Jian G, Chen T, Su J, Gao C, Wang N, Yang X*, **Xu Y***, Gui D*. Xuesaitong protects podocytes from apoptosis in diabetic rats through modulating PTEN-PDK1-Akt-mTOR pathway. *Journal of Diabetes Research*. 2020 Jan 21;2020:9309768.
[SCI impact factor 2020: 4.011, ranked the 90th in 186 journals (top 48.39%) of category MEDICINE, RESEARCH & EXPERIMENTAL].

- 60). Xia ZY, Luo C, Liu BW, Bian XQ, Li Y, Pang AM, **Xu YH**, Tan HM*, Zhao YH*. Shengui Sansheng Pulvis maintains blood-brain barrier integrity by vasoactive intestinal peptide after ischemic stroke. *Phytomedicine*. 2020 Feb;67:153158.
[SCI impact factor 2020: 5.340, ranked the 3rd in 29 journals (10.34%) of category INTEGRATIVE & COMPLEMENTARY MEDICINE].
- 59). Wenqian Zhang, Tingting Zhao, Yonghua Zhao, Dingkun Gui, **Youhua Xu***. Advanced Glycation End Products in Chinese Medicine Mediated Aging Diseases: A Review. *Current Vascular Pharmacology*. 2020;18:322-333.
[SCI impact factor 2020: 2.719, ranked the 40th in 65 journals (top 61.54%) of category PERIPHERAL VASCULAR DISEASE].
- 58). Gao C, Rao M, Huang W, Wan Q, Yan P, Long Y, Guo M, **Xu YH***, Xu Y*. Resistant starch ameliorated insulin resistant in patients of type 2 diabetes with obesity: a systematic review and meta-analysis. *Lipids in Health and Disease*. 2019 Nov 24;18(1):205.
[SCI impact factor 2019: 2.906, ranked the 47th in 89 journals (top 52.81%) of category NUTRITION & DIETETICS].
- 57). Junling Gu, Man Guo, Yong Xu*, **Youhua Xu**. Diabetic kidney disease:recent advances in treatment. *Chinese Journal of Diabetes Mellitus*. 2019;11(10):645-648.
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顧峻菱，郭曼，徐勇*，徐友華。糖尿病腎臟疾病治療策略研究進展。中華糖尿病雜誌。2019;11(10):645-648.
- 56). Junling Gu, Wei Huang, Wenqian Zhang, Tingting Zhao, Chenlin Gao, Wenjun Gan, Mingyue Rao, Qing Chen, Man Guo, Yong Xu*, **You-Hua Xu***. Sodium butyrate alleviates high-glucose-induced renal glomerular endothelial cells damage via inhibiting pyroptosis. *International Immunopharmacology*. 2019 Oct;75:105832.
[SCI impact factor 2019: 3.943, ranked the 63rd in 270 journals (top 23.33%) of category PHARMACOLOGY & PHARMACY].
- 55). Wenqian Zhang, Tingting Zhao, Dingkun Gui, Chenlin Gao, Junling Gu, Wenjun Gan, Wei Huang, Yong Xu, Hua Zhou, Weini Chen, Zhilong Liu*, **Youhua Xu***. Sodium Butyrate Improves Liver Glycogen Metabolism in Type 2 Diabetes Mellitus. *Journal of Agricultural and Food Chemistry*. 2019 Jul 10;67(27):7694-7705.
[SCI impact factor 2019: 4.192, ranked the 4th in 58 journals (top 6.90%) of category AGRICULTURE, MULTIDISPLINARY].
- 54). Chenlin Gao, Chen Jiao, Fang Fan, Yang Long, Shi Tang, Jiang Chunxia, Jiying Wang, **Youhua Xu***, and Yong Xu*. RIPK2-mediated autophagy and negatively-regulated ROS-NLRP3 inflammasome signaling in GMCs stimulated with high glucose. *Mediators of Inflammation*. 2019;2019:6207563.
[SCI impact factor 2019: 3.758, ranked the 63rd in 158 journals (top 39.87%) of category IMMUNOLOGY].
- 53). Tang D, Cao DM, Tan LF, **Xu YH**, Duan TT, Zhu Q*, Wang SM*. Simultaneous determination of 8 bioactive isoflavonoids in Astragali Radix by UHPLC equipped with core-shell column. *China Journal of Chinese Materia Medica*. 2019 Apr;44(7):1410-1415. [In Chinese]
湯丹，曹東敏，譚蘭芳，**徐友華**，段婷婷，朱荃*，王淑美*。基於核殼色譜技術的黃芪中 8 種異黃酮活性成分的快速定量分析。中國中藥雜誌。2019 Apr;44(7):1410-1415.
- 52). Zhai RN, Jian GH, Chen T, Xie L, Xue R, Gao CT, Wang NS*, **Xu YH***, Gui DK*. Astragalus membranaceus and Panax notoginseng, the novel renoprotective compound, synergistically protect against podocyte injury in streptozotocin-induced diabetic rats. *Journal of Diabetes Research*. 2019 Apr

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- 51). Zheng ZG, **Xu YH**, Liu F, Zhao TT, Wang RX, Huang PY, Wang RS, Yang AP, Zhu Q*. Screening bioactive components of *Glycyrrhiza uralensis Fisch.* with isolated perfused lung extraction and HPLCESI-MSn analysis. *Journal of Pharmaceutical and Biomedical Analysis*. 2019;169:127-132.
[SCI impact factor 2019: 3.209, ranked the 26th in 86 journals (top 30.23%) of category CHEMISTRY, ANALYTICAL].
- 50). Zhu TT, Wang HL, Zhong X, Huang W, Deng X, Guo HL, Xiong JF, **Xu YH***, Fan JM*. Rg1 attenuates High Glucose-induced Endothelial Barrier Dysfunction in the HUVECs by protecting the endothelial glycocalyx. *Experimental and Therapeutic Medicine*. 2019;17:3727-3733.
[SCI impact factor 2019: 1.785, ranked the 105th in 138 journals (top 76.09%) of category MEDICINE, RESEARCH & EXPERIMENTAL].
- 49). Tang D*, Zhu JX, Nie H, He B, **Xu YH**, Zhu Q*. Simple and efficient approach for enrichment of major isoflavonoids from *Astragalus membranaceus* with macroporous resins and their nephroprotective activities. *Industrial Crops and Products*. 2018;125:276-283.
[SCI impact factor 2018: 4.191, ranked the 3rd in 89 journals (top 3.37%) of category AGRONOMY].
- 48). **Xu YH***, Gao CL, Guo HL, Zhang WQ, Huang W, Tang SS, Gan WJ, Xu Y, Zhou H, Zhu Q. Sodium Butyrate Supplementation Ameliorates Diabetic Inflammation in db/db Mice. *Journal of Endocrinology*. 2018;238(3):231-244.
[SCI impact factor 2018: 4.381, ranked the 31st in 145 journals (top 21.38%) of category ENDOCRINOLOGY & METABOLISM].
- 47). Deng X, Huang W, Peng J, Zhu TT, Sun XL, Zhou XY, Yang H, Xiong JF, He HQ, **Xu YH***, He YZ*. Irisin alleviates advanced glycation end products-induced inflammation and endothelial dysfunction via inhibiting ROS-NLRP3 inflammasome signaling. *Inflammation*. 2018;41(1):260-275.
[SCI impact factor 2018: 2.939, ranked the 92nd in 158 journals (top 58.23%) of category IMMUNOLOGY].
- 46). Tang D, Shen YB, Wang ZH, He B, **Xu YH**, Nie H*, Zhu Q*. Rapid Analysis and Guided Isolation of Astragalus Isoflavonoids by UHPLC-DAD-MSn and Their Cellular Antioxidant Defense on High Glucose Induced Mesangial Cells Dysfunction. *Journal of Agricultural and Food Chemistry*. 2018;66(5):1105-1113.
[SCI impact factor 2018: 3.571, ranked the 3rd in 57 journals (top 5.26%) of category AGRICULTURE, MULTIDISCIPLINARY].
- 45). Zhou LP, Huang W, **Xu YH**, Gao CL, Zhang T, Guo M, Liu Y, Ding JY, Qin LD, Xu ZH, Yang L, Xu Y*. Sweet taste receptors mediated ROS-NLRP3 inflammasome signaling activation: implications for diabetic nephropathy. *Journal of Diabetes Research*. 2018;2018:7078214.
[SCI impact factor 2018: 3.040, ranked the 62nd in 136 journals (top 45.59%) of category MEDICINE, RESEARCH & EXPERIMENTAL].
- 44). Liu Liang, Zhou Hua, **Xu Youhua**, Xiong Jianfeng. Education of Traditional Chinese Medicine in Macau Special Administrative Region of the People's Republic of China. *World Education of Chinese Medicine*. 2018;10(12):24-27. [In Chinese]
劉良, 周華, 徐友華, 熊建豐. 中國澳門的中醫藥教育. *世界中醫藥教育*. 2018;10(12):24-27.
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專利

- 1) **XU You Hua**, GUO Heng Li, ZHOU Hua, ZHU Quan. Method of Treating Endotoxemia. Australian Innovation Patent. 2018102089. (2018/12/18~2026/12/18)

研究項目

2020 – 2023	黃芪三七配伍治療糖尿病腎病的循證評價及作用機制研究 / 國家科技部與澳門科技發展基金聯合資助項目 / 項目負責人
2020 – 2022	益腎化濕顆粒抗糖尿病蛋白尿作用關鍵物質基礎和機理的研究 / 澳門科技發展基金與廣東省科技廳聯合資助項目 / 項目負責人
2019 – 2021	黃芪總黃酮對糖尿病代謝記憶預防作用和機理研究 / 澳門科技發展基金資助 / 項目負責人
2019 – 2022	高表達Caveolin-1的間充質幹細胞來源Exosomes負載中藥活性成份調控缺血性中風血腦屏障通透性的研究 / 澳門科技發展基金資助 / 項

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2015 – 2018	基於結腸丁酸作用研究桑白皮干預糖尿病代謝性內毒素血癥的物質基礎和機制 / 澳門科技發展基金資助 / 項目負責人
2012 – 2015	應用細胞膜固相色譜技術探索經方黃芪散干預糖尿病腎病效應物質基礎及質量評價研究 / 澳門科技發展基金資助 / 項目成員

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曾獲獎項

- 澳門科技大學云課堂教學傑出獎 (2020 年 11 月，中國澳門)
- 2019 / 2020 學年澳門科技大學教學成果一等獎 (2020 年，中國澳門)
- 澳門科技大學 2018 年度“中珠醫療生命科學獎服務獎”一等獎(2019 年，中國澳門)
- 2018 年“慧醫穀杯”全國中醫大學生臨床能力大賽本科組優秀指導教師 (2018 年，中國天津)
- 澳門科技大學 2017 年度“中珠醫療生命科學獎教學獎”一等獎(2018 年，中國澳門)
- 2017 年度江蘇省藥理科學技術進步獎三等獎 (2017 年，中國江蘇)
- 澳門科技大學 2016 年度“中珠醫療生命科學獎服務獎”一等獎(2017 年，中國澳門)
- 2016 年澳門特別行政區澳門科學技術獎技術發明獎二等獎 (2016 年，中國澳門)
- 江蘇省科學技術獎三等獎 (2011 年，中國江蘇)
- 2012 年首屆澳門特別行政區研究生優秀研發獎 (2012 年，中國澳門)
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