

# 徐友華



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## 教學科目

藥理學; 西醫外科總論; 中西醫結合研究進展; 中醫藥研究進展

**研究領域:** 老年醫學; 腎病; 組織固相色譜技術

**簡介:** 徐友華博士，教授，博士研究生導師。主要研究領域：中西醫結合老年醫學、腎病、組織固相色譜技術等。作為項目負責人，主持包括澳門特區科技發展基金項目、國家科技部重點研發計畫-科技部與澳門科技發展基金聯合資助項目、澳門科技發展基金與廣東省科技廳聯合資助項目等競爭性研究課題多項。以第一或通訊作者在國際期刊發表學術論文八十餘篇，多篇研究性論文入選 ESI 前 1% 高被引。PPAR Research、Chinese Medicine、Integrative Medicine in Nephrology and Andrology (IMNA)等國際知名期刊編委/青年編委。作為主要成員獲得包括澳門特區技術發明二等獎等省部級以上科研獎勵 4 項。入選 2024 年和 2025 年「全球前 2%頂尖科學家」榜單。

## 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

|                 |                       |
|-----------------|-----------------------|
| 2026.7 - 現職     | 澳門科技大學 / 中醫藥學院 / 教授   |
| 2025.9 - 現職     | 澳門科技大學 / 中醫藥學院 / 副院長  |
| 2022.1 - 2025.8 | 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 - 2026.6 | 澳門科技大學 / 中醫藥學院 / 副教授  |
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代表性學術成果(\*通訊作者 Corresponding author):

- (1) Yuanyuan Xiao; Niansong Wang; Dingkun Gui\*; **Youhua Xu**\*. Unveiling Lactylation: A Novel Frontier in the Pathogenesis of Diabetic Nephropathy. *International Journal of Molecular Medicine*. 2026 Jun;57(6):143. (IF=8.5)
- (2) Tingting Zhao#; Chuyun Zhao#; Qian Xiang; Xi Zhang; Kin-Fong Hong; Peiyu Liu; Zhongyan Sun; Yadi Liu; Ruiting Huang; Hio-Fai Cheng, Yuwei Wu; Yingqiu Mo; Yiduo Xu; Yingxi Zhao; Qiruo Huang; Ying Xie; **Youhua Xu**\*. Nobiletin Ameliorated the Development of Diabetic Kidney Disease via Modulating Ferroptosis and Epithelial-Mesenchymal Transition Through PI3K/AKT/mTOR Pathway. *American Journal of Chinese Medicine*. 2026 Jan 26:1-26. (IF=7.8)
- (3) Yi-Ran Li#, Xiao-Shan Lai#, Hio-Fai Cheong#, Ding-Kun Gui, Yong-Hua Zhao, **You-Hua Xu**\*. Advances in biomaterials and regenerative medicine for diabetic foot ulcer therapy. *Ageing Research Reviews*. 2025;109:102779. (IF=15.5)
- (4) Yadi Liu#, Zhongyan Sun#, Dingkun Gui, Yonghua Zhao, **Youhua Xu**\*. RNA Modification in Metabolism. *MedComm*. 2025; 6:e70135. (IF=14.1)
- (5) Mengqing Ma, Rui Hu, Qi Huang, Xin Zhong, Jing Li, Minling Lv, Jinyu Yi, Jialing Sun, Kongli Fan, **Youhua Xu**\*, Xiaozhou Zhou\*. Decoding the Metabolic-Immune Axis: Neutrophil Glycolysis-Driven Tumor Niche Remodeling and Its Therapeutic Exploitation. *Pharmacological Research*. 2025 Jul;217:107811. (IF=12.2)
- (6) Pei Feng, Run-Feng Li, Ke-Xin Wang, Hui-Huang Deng, Guang-Hui Jin, Rui-Feng Chen, Xiao Wu, Yuan-Yuan Lu, Qiu-Wen Tang, Hao-Jun Liang, Xiao-Jun Qiu, Zheng-Jun Li, Xiao-Hong Chen, **You-Hua Xu**\*, Zi-Feng Yang\*. Shiwei Longdanhua Capsule protects from hygrothermal condition and influenza infection by suppressing metabolism and inflammatory pathway. *Phytomedicine*. 2025;148:157343. (IF=11.3)
- (7) Hongli Zhang, Jiewen Chen, Niansong Wang, Wei Chen\*, **Youhua Xu**\*, Dingkun Gui\*. Advancements in Pharmacotherapy for Diabetic Kidney Disease: A Systematic Review. *Diabetes/Metabolism Research and Reviews*. 2025 Sep;41(6):e70077. (IF=8.3)
- (8) Liu YD#, Sun ZY#, Dong RX, Liu PY, Zhang X, Li YR, Lai XS, Cheong HF, Wu YW, Wang YL, Zhou H, Gui DK, **Xu YH**\*. Rutin ameliorated lipid metabolism dysfunction of diabetic NAFLD via AMPK/SREBP1 pathway. *Phytomedicine*. 2024;126:155437. (IF=11.3)
- (9) Yilan Shen, Wei Chen, Kanghong Lin, Haiying Zhang, Xieyi Guo, Xiaoning An, Liu Yang, Niansong Wang\*, **Youhua Xu**\*, Dingkun Gui\*. Notoginsenoside Fc, a Novel Renoprotective Agent, Ameliorates Glomerular Endothelial Cells Pyroptosis and

Mitochondrial Dysfunction in Diabetic Nephropathy Through Regulating HMGCS2 Pathway. *Phytomedicine*. 2024;126:155445. (IF=11.3)

- (10) Ruixue Dong, Xi Zhang, Yadi Liu, Tingting Zhao, Zhongyan Sun, Peiyu Liu, Qian Xiang, Jianfeng Xiong, Xinwen Du, Xifei Yang, Dingkun Gui\*\*, **Youhua Xu\***. Rutin alleviates EndMT by restoring autophagy through inhibiting HDAC1 via PI3K/AKT/mTOR pathway in diabetic kidney disease. *Phytomedicine*. 2023 Feb 4;112:154700. (IF=11.3)
- (11) Kang Geng, Xiu Mei Ma, Zongzhe Jiang, Wei Huang, Junling Gu, Peng Wang, Lifang Luo, **Youhua Xu\***, Yong Xu\*. High glucose-induced STING activation inhibits diabetic wound healing through promoting M1 polarization of macrophages. *Cell Death & Discovery*. 2023;9:136. (IF=10.4)
- (12) Geng K, Ma X, Jiang Z, Gu J, Huang W, Wang W, Xu Y\*, **Xu YH\***. WDR74 facilitates TGF- $\beta$ /Smad pathway activation to promote M2 macrophage polarization and diabetic foot ulcer wound healing in mice. *Cell Biology and Toxicology*. 2023 Aug;39(4):1577-1591. (IF=5.7)
- (13) 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. *Chinese Medicine*. 2022 Feb 12;17(1):22. (IF=7.4)
- (14) 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. (IF=6.7)
- (15) **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. (IF=5.7)
- (16) Huang W, Zhou LP, Guo HL, **Xu YH\***, Xu Y\*. The Role of Short-Chain Fatty Acids in Kidney Injury Induced by Gut-derived Inflammatory Response. *Metabolism-Clinical and Experimental*. 2017;68:20-30. (IF=16.7)